NCS Series

Non-waterproof

RoHS

Safety standard certified products available

Overview

- Basic type of round metal connectors.
- Representative series that has proven performance in various indoor manufacturing equipment over a long period of time.
- High resistance to starting current and load current, enabling these connectors active in various manufacturing equipment.

Feature

RoHS	RoHS Directive compliant
Waterproof	Non
Lock method	Thread lock
Features of mechanism/ material	○ Simple structure, easy handling and robust. ○ Ten shell sizes and many connector shapes available for a wide variety of applications.
Standards	○ < CSA NRTL/C > standard certified connectors available. (CSA : C22.2 No.182.3 UL : 1977) Note: The specifications of safety standard certified connectors are slightly different from those of standard products. For the rated voltage, current and cable conductor cross sectional area, refer to A List of Standards Acquired (p.129).
Cable termination	Soldering

Characteristics

Insulation resistance , Withstand voltage , Contact resistance p.10

The pin contact type has an exposed electrode. If it is used on the [power supply] side, it may cause electric shock or short-circuit accidents. To prevent such accidents, use the socket contact type on the [power supply] side and the pin contact type on the [equipment] side.

【 When inserting or extracting the connector, do not turn the connector body. 】

NCS Series

Product No. designation

NCS - 25 ■ - P M __ __

① ② ③ ④ ⑤ ⑥ ⑦

① Series designation
② Shell size
③ Number of contacts
④ Shell shape
⑤ Contact shape < Pin (male) contact : M , Socket (female) contact : F >
The S Type of NCS Series in all shapes of PF, RM, AdM, etc. is indicated simply by P, R, Ad, etc. with the contact shape symbol omitted.
⑥ Additional symbol (-CH) 《 Required only for Shell size 16 》
⑦ Safty standard specification(< CSA NRTL/C >)
《 Required only when safty standard is to be specified. 》 For applicable products, see p.129.

Cable termination : Soldering

Material and Finish

	Material	Finish
Shell	Zinc alloy or brass (partially aluminum alloy)	Chrome plating Special treatment Tin-cobalt plating (Shell size 16 only)
Insulator	Synthetic resin	—
Contact	Copper alloy	Shell size 14 , 16 , 25 , 30 : Nickel plating Shell size 40 , 44 , 50 , 54 , 60 , 64 : Silver plating Shell size 30 (Number of contacts 7H , 13) : Gold plating

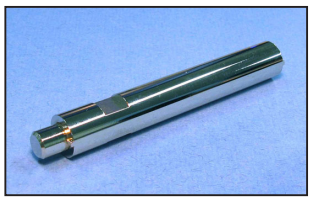
Temperature tolerance level

-40℃ to +120℃

Exclusive tools (optional) : Contact wrench, soldering iron tip set

The contacts of rated current 80 A or over are constructed for removal from the insulator.
For soldering, remove the contact with a contact wrench.

《 Types of contact wrenches 》



80A Contact Wrench

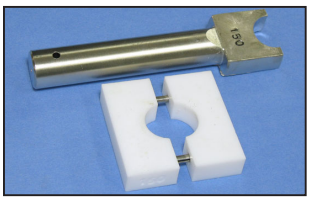
Used for:
NCS・NWPC-502 / 542
NCS・NWPC-503 / 543
NCS・NWPC-604 / 644

150A Contact Wrench

Used for:
NCS・NWPC-602 / 642
NCS・NWPC-603 / 643

【80A Contact Wrench、150A Contact Wrench】
One tool is usable for installation and removal of a male and female contact.

《 Soldering iron tip set 》



Usable soldering iron 200 W
Iron tip inserting diameter φ16 mm or over
Iron tip temperature setting 420℃ to 450℃

Set name ＊ A set of iron tip and heat insulator.
For 80A contact → SS80-KB
For 150A contact → SS150-KB

They are also available individually.
For 80A contact
【Iron tip → SS80-K】 【Heat insulator → SS80-B】
For 150A contact
【Iron tip → SS150-K】 【Heat insulator → SS150-B】

NCS Series Characteristics

Number of contacts

Shell size	Contact	Insulation resistance (MΩ)		Contact resistance (mΩ)		Withstand voltage (V r.m.s.)	
		S Type	G Type	S Type	G Type	S Type	G Type
14	1	DC 500V 2,000 min.	—	3 max.	—	1,000	—
	2						
16	1	DC 500V 2,000 min.	—	3 max.	—	1,000	—
	2		DC 500V 2,000 min.		3 max.		1,000
	3						
	4		—		—		—
25	2	DC 1,000V 2,000 min.	DC 1,000V 2,000 min.	3 max.	3 max.	2,000	2,000
	3						
	4						
	5					1,800	1,800
	6						
	7						
	8		—		—		—
30	2	DC 1,000V 2,000 min.	DC 1,000V 2,000 min.	3 max.	3 max.	2,000	2,000
	3						
	4						
	5					1,800	1,800
	6		DC 500V 2,000 min.				
	7		—		—		—
	8		DC 1,000V 2,000 min.		3 max.		1,800
	7H	DC 500V 2,000 min.	—		—	1,500	—
	13						
40 (S Type) 44 (G Type)	2	DC 1,000V 2,000 min.	DC 1,000V 2,000 min.	3 max.	3 max.	2,500	2,500
	3						
	4						
	5					2,000	2,000
	6						
	8						
	10					1,800	1,800
	12						
	16						
	20						

Number of contacts

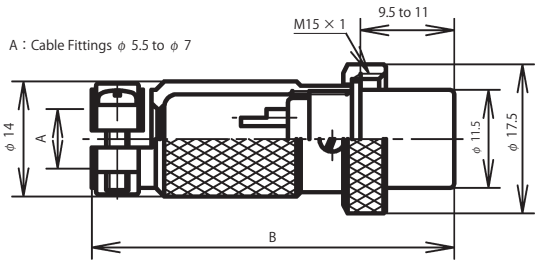
Shell size	Contact	Insulation resistance (MΩ)		Contact resistance (mΩ)		Withstand voltage (V r.m.s.)	
		S Type	G Type	S Type	G Type	S Type	G Type
50 (S Type) 54 (G Type)	2	DC 1,000V 5,000 min.	DC 1,000V 5,000 min.	1 max.	1 max.	3,000	3,000
	3						
	4	DC 1,000V 2,000 min.	DC 1,000V 2,000 min.	3 max.	3 max.	2,500	2,500
	8					2,000	2,000
	10						
	15						
	25					1,800	1,800
60	2	DC1,000V 5,000 min.	—	1 max.	—	3,000	—
	3						
	4						
	10	DC 1,000V 2,000 min.	DC 1,000V 2,000 min.	3 max.	3 max.	2,500	2,000
	15						
	30					1,800	1,500
	32						
	40		—		—		—
64	2	—	DC 1,000V 5,000 min.	—	1 max.	—	3,000
	3						
	4						

■ includes safety standard certified products.

S Type

【Power supply side】< Socket (female) contact used >

Plug



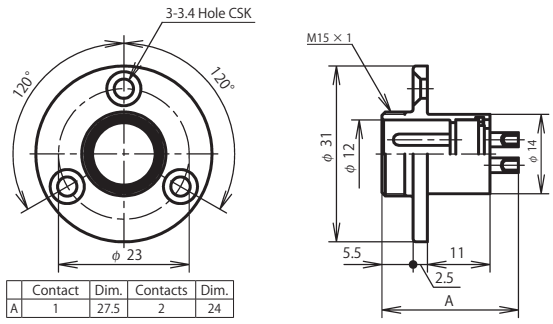
	Contact	Dim.	Contacts	Dim.
B	1	41	2	42.5

NCS-14 ■ -P

Coupled

【Power receiving side】< Pin (male) contact used >

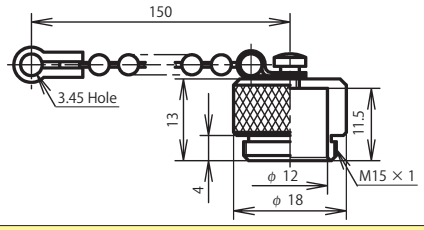
Receptacle



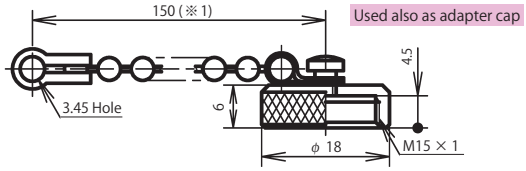
	Contact	Dim.	Contacts	Dim.
A	1	27.5	2	24

NCS-14 ■ -R

Accessory



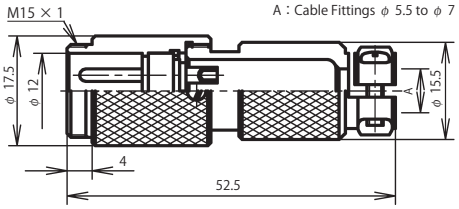
Plug cap : NCS-14-PCa



（※1）Length 70 mm also available.（Example : NCS-14-RCa L70）

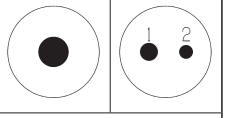
Receptacle cap : NCS-14-RCa

Adapter



NCS-14 ■ -Ad

■ indicates the number of contacts. The conductor cross sectional area is less than the following value.

Shell size	Number of Contacts	1	2
14	Contact arrangement <When viewed from the pin (male) contact coupling side>		
	Safety standard	—	
	Rating	125V 5A	
	Limit operating voltage (Note-1)	200V	
	Withstand voltage (V r.m.s.)	1,000	
	Wire size (㎟)	0.75	

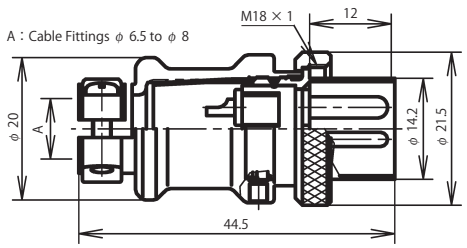
Note-1 : For the limit operating voltage, see p.131.

NCS Series Shell Size 16

G Type

【Power receiving side】< Pin (male) contact used >

Plug

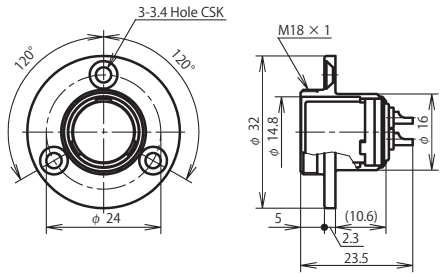


NCS-16 ■ -PM-CH

Coupled

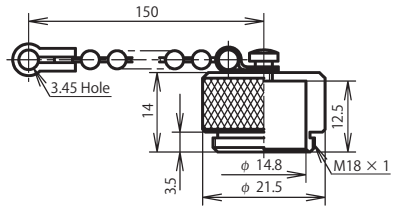
【Power supply side】< Socket (female) contact used >

Receptacle

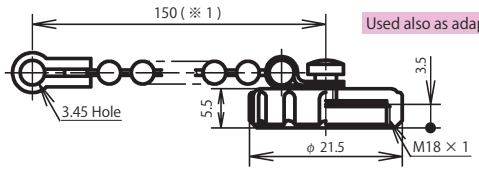


NCS-16 ■ -RF-CH

Accessory



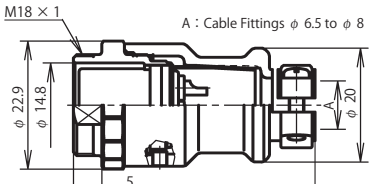
Plug cap : NCS-16-PCa



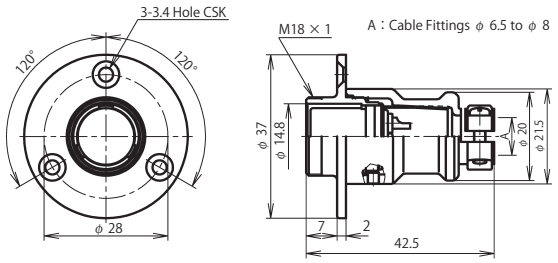
(※ 1) Length 50,70 mm also available. (Example : NCS-16-RCa L70)

Receptacle cap : NCS-16-RCa

Adapter



NCS-16 ■ -AdF-CH



NCS-16 ■ -AdF(F)-CH

"-CH" is an additional symbol of renewed products. They are interchangeable with products before renewal.

■ indicates the number of contacts. The conductor cross sectional area is less than the following value.

Shell size	Number of Contacts	2	3
16	Contact arrangement <When viewed from the pin (male) contact coupling side>		
	Safety standard	—	
	Rating	125V 5A	
	Limit operating voltage (Note-1)	200V	
	Withstand voltage (V r.m.s.)	1,000	
	Wire size (㎟)	0.75	

Note-1 : For the limit operating voltage, see p.131.

S Type

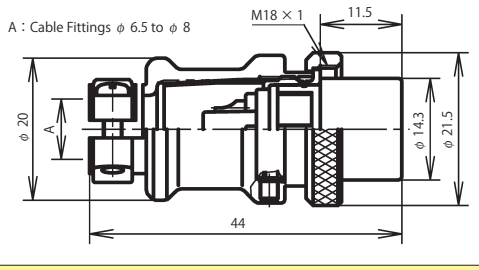
【 Power supply side 】< Socket (female) contact used >

【 Power receiving side 】< Pin (male) contact used >

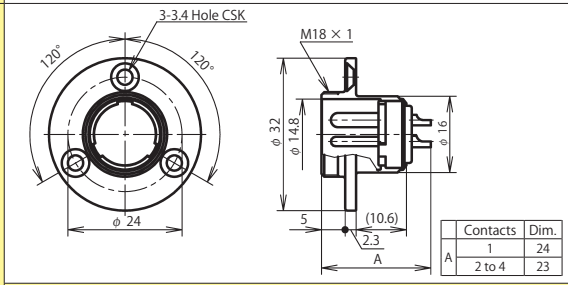
Plug

Receptacle

Coupled

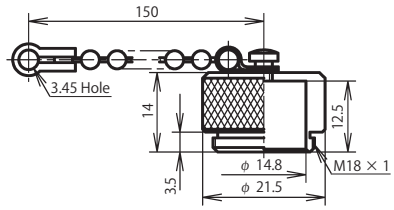


NCS-16 ■ -P-CH

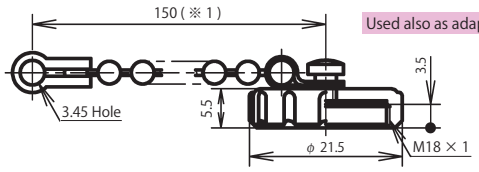


NCS-16 ■ -R-CH

Accessory



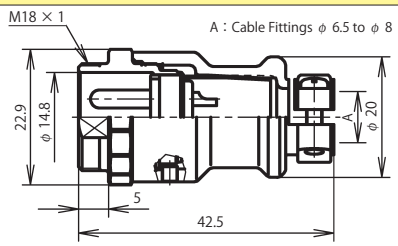
Plug cap : NCS-16-PCa



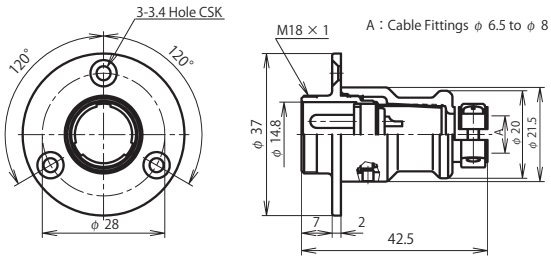
(※ 1) Length 50,70 mm also available. (Example : NCS-16-RCa L70)

Receptacle cap : NCS-16-RCa

Adapter



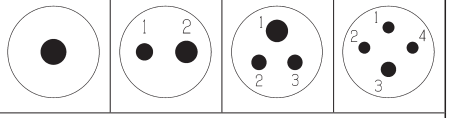
NCS-16 ■ -Ad-CH



NCS-16 ■ -Ad(F)-CH

"-CH" is an additional symbol of renewed products. They are interchangeable with products before renewal.

■ indicates the number of contacts. The conductor cross sectional area is less than the following value.

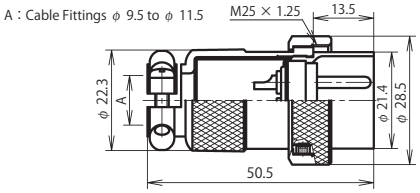
Shell size	Number of Contacts	1	2	3	4
16	Contact arrangement <When viewed from the pin (male) contact coupling side>				
	Safety standard	—			
	Rating	125V 10A	125V 5A		
	Limit operating voltage (Note-1)	200V			
	Withstand voltage (V r.m.s.)	1,000			
	Wire size (㎟)	1.25	0.75		

Note-1 : For the limit operating voltage, see p.131.

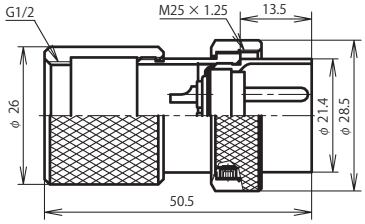
NCS Series Shell Size 25

G Type

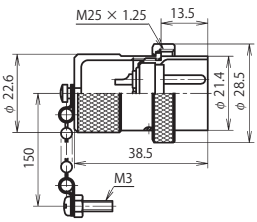
【Power receiving side】< Pin (male) contact used >



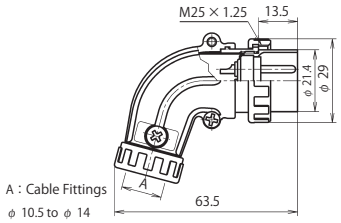
NCS-25 ■ -PM



NCS-25 ■ -GPM 1/2 (Note)

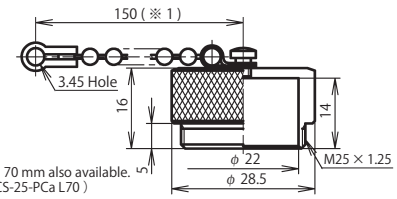


NCS-25 ■ -SPM



NCS-25 ■ -LPM

Plug

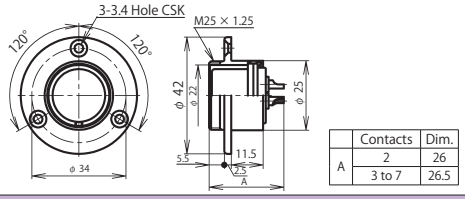


Plug cap : NCS-25-PCa

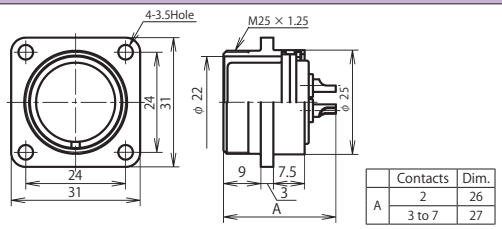
Accessory

Coupled

【Power supply side】< Socket (female) contact used >

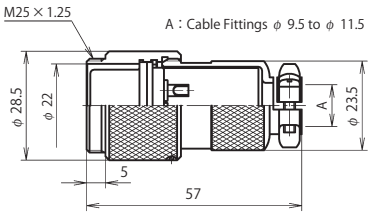


NCS-25 ■ -RF

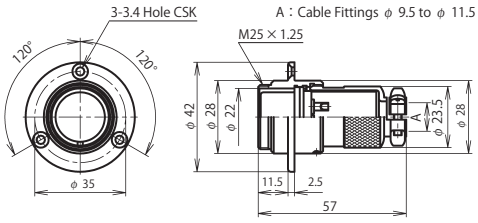


NCS-25 ■ -RF kaku

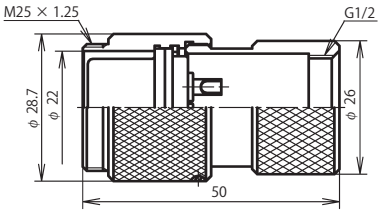
Receptacle



NCS-25 ■ -AdF

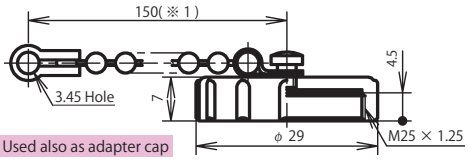


NCS-25 ■ -AdF(F)



NCS-25 ■ -GAdF1/2 (Note)

Adapter



Receptacle cap : NCS-25-RCa

Accessory

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

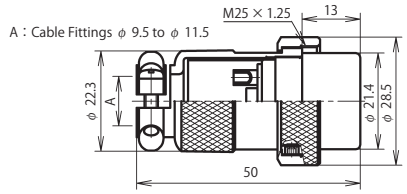
■ indicates the number of contacts.
The conductor cross sectional area is less than the following value.However, for safety standard certified products, use a cable having a value shown on p.129.

Shell size	Number of Contacts	2	3	4	5	6	7
25	Contact arrangement <When viewed from the pin (male) contact coupling side>						
	Safety standard (Note-1)	—				CSA NRTL/C	
	Rating	250V 10A				250V 5A	
	Limit operating voltage (Note-2)	400V				300V	
	Withstand voltage (V r.m.s.)	2,000			1,800		
	Wire size (㎟)	2			1.25		

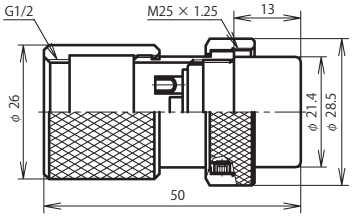
Note-1 : Specified separately. For safety standards, see p.129. (The rated voltage of standard certified products is 265 V.) Note-2 : For the limit operating voltage, see p.131.

S Type

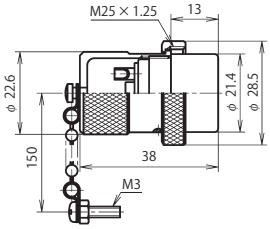
【Power supply side】< Socket (female) contact used >



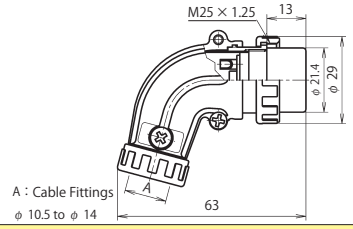
NCS-25 ■ -P



NCS-25 ■ -GP 1/2 (Note)

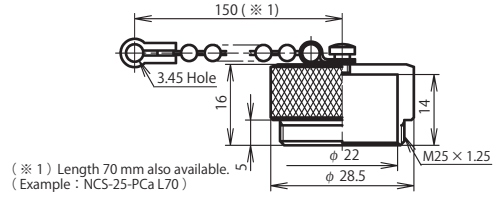


NCS-25 ■ -SP

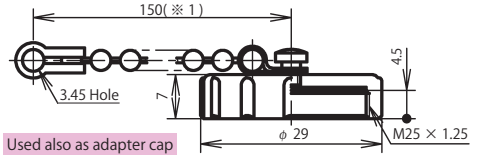


NCS-25 ■ -LP

Plug



Plug cap : NCS-25-PCa

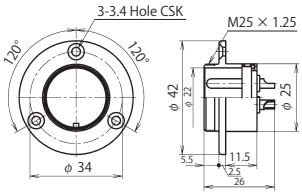


Receptacle cap : NCS-25-RCa

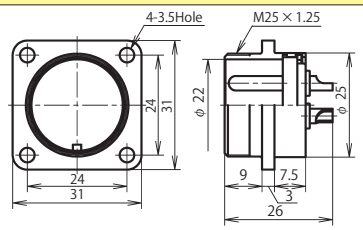
Accessory

Coupled

【Power receiving side】< Pin (male) contact used >

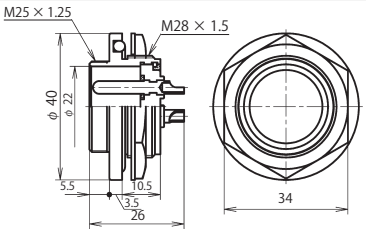


NCS-25 ■ -R

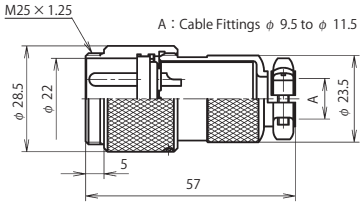


NCS-25 ■ -R kaku

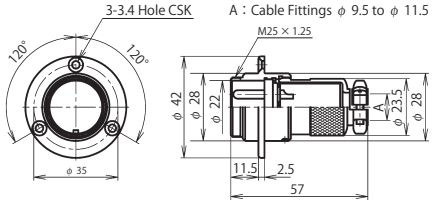
Receptacle



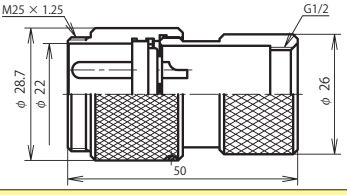
NCS-25 ■ -RBP



NCS-25 ■ -Ad



NCS-25 ■ -Ad(F)

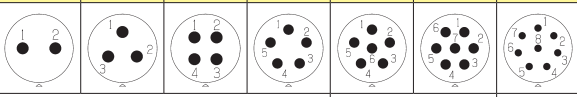


NCS-25 ■ -GAd1/2 (Note)

Adapter

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. P.135

■ indicates the number of contacts.
The conductor cross sectional area is less than the following value.However, for safety standard certified products, use a cable having a value shown on p.129.

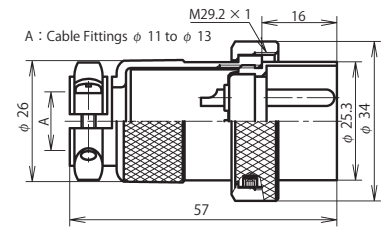
Shell size	Number of Contacts	2	3	4	5	6	7	8
25	Contact arrangement <When viewed from the pin (male) contact coupling side>							
	Safety standard (Note-1)	—				CSA NRTL/C		—
	Rating	250V 10A						250V 5A
	Limit operating voltage (Note-2)	400V				300V		
	Withstand voltage (V r.m.s.)	2,000			1,800			
	Wire size (㎟)	2						1.25

Note-1 : Specified separately. For safety standards, see p.129. (The rated voltage of standard certified products is 265 V.) Note-2 : For the limit operating voltage, see p.131.

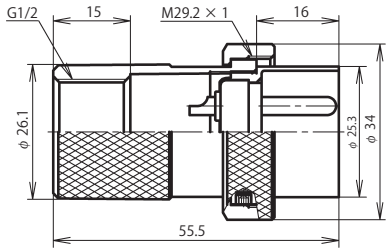
NCS Series Shell Size 30

G Type

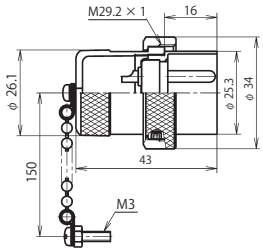
【Power receiving side】< Pin (male) contact used >



NCS-30 ■ -PM



NCS-30 ■ -GPM 1/2 (Note)



NCS-30 ■ -SPM

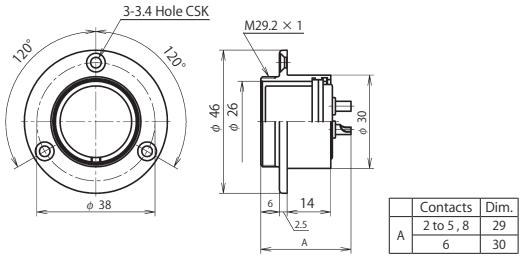
Plug

Coupled

Receptacle

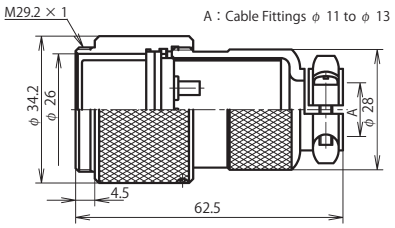
Adapter

【Power supply side】< Socket (female) contact used >

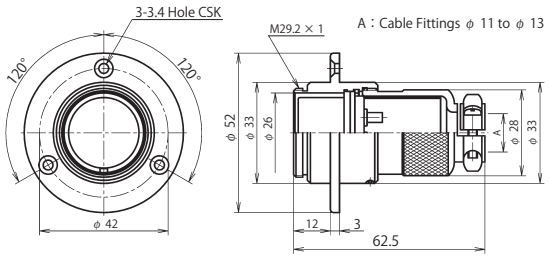


	Contacts	Dim.
A	2 to 5 , 8	29
	6	30

NCS-30 ■ -RF

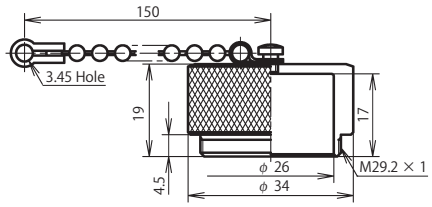


NCS-30 ■ -AdF



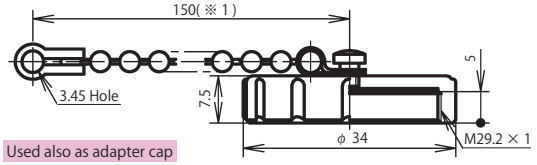
NCS-30 ■ -AdF(F)

Accessory



Plug cap : NCS-30-PCa

Accessory

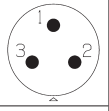
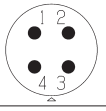
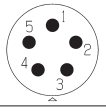
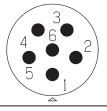
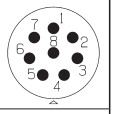


(※ 1) Length 70 mm also available. (Example : NCS-30-RCa L70)

Receptacle cap : NCS-30-RCa

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

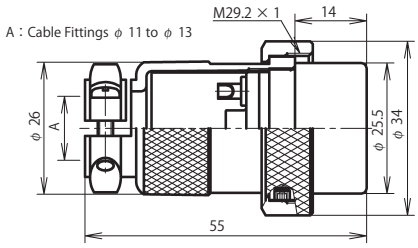
■ indicates the number of contacts.
The conductor cross sectional area is less than the following value.However, for safety standard certified products, use a cable having a value shown on p.129.

Shell size	Number of Contacts	2	3	4	5	6	8
30	Contact arrangement <When viewed from the pin (male) contact coupling side>						
	Safety standard (Note-1)	—	CSA NRTL/C	—			CSA NRTL/C
	Rating	250V 15A				250V 10A	250V 5A
	Limit operating voltage (Note-2)	400V				—	300V
	Withstand voltage (V r.m.s.)	2,000			1,800		
	Wire size (㎟)	2					1.25

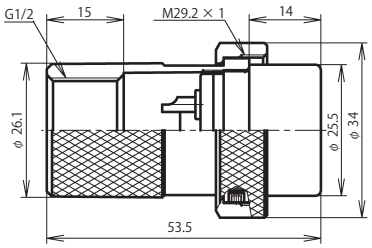
Note-1 : Specified separately. For safety standards, see p.129. (The rated voltage of standard certified products is 265 V.) Note-2 : For the limit operating voltage, see p.131.

S Type

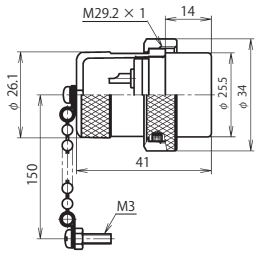
【 Power supply side 】< Socket (female) contact used >



NCS-30 ■ -P



NCS-30 ■ -GP1/2 (Note)



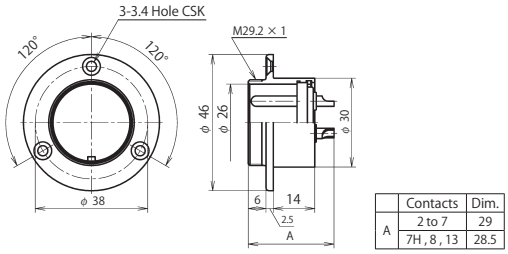
NCS-30 ■ -SP

Plug

Coupled

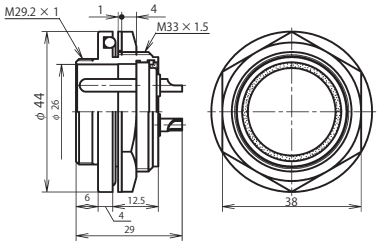
【 Power receiving side 】< Pin (male) contact used >

Receptacle



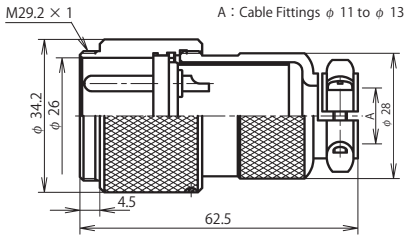
A	Contacts	Dim.
	2 to 7	29
	7H , 8 , 13	28.5

NCS-30 ■ -R

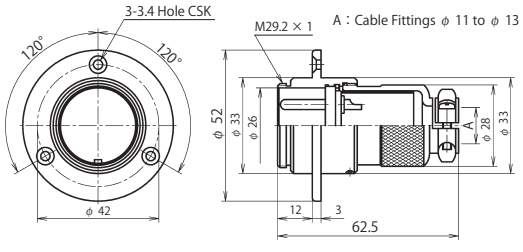


NCS-30 ■ -RBP

Adapter



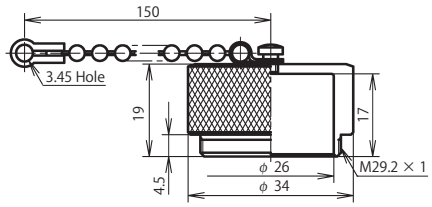
NCS-30 ■ -Ad



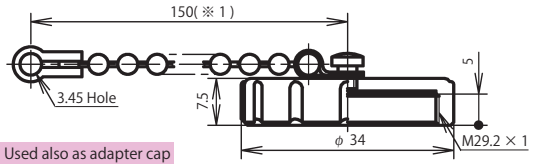
NCS-30 ■ -Ad(F)

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

Accessory



Plug cap : NCS-30-PCa



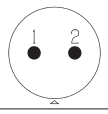
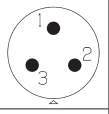
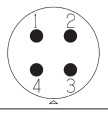
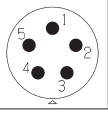
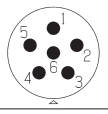
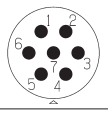
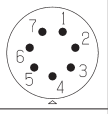
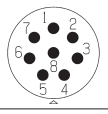
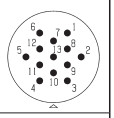
Used also as adapter cap

(※ 1) Length 70 mm also available. (Example : NCS-30-RCa L70)

Receptacle cap : NCS-30-RCa

■ indicates the number of contacts.
The conductor cross sectional area is less than the following value.However, for safety standard certified products, use a cable having a value shown on p.129.

[ ] : Gold plating contact

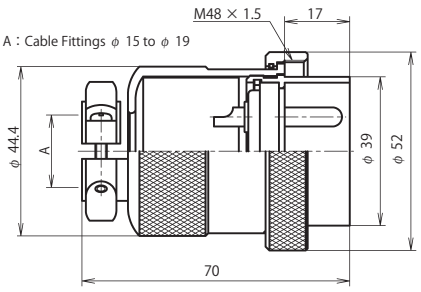
Shell size	Number of Contacts	2	3	4	5	6	7	7H	8	13
30	Contact arrangement <When viewed from the pin (male) contact coupling side>									
	Safety standard (Note-1)	—	CSA NRTL/C	—					CSA NRTL/C	—
	Rating	250V 15A						250V[7A]	250V10A	250V[5A]
	Limit operating voltage (Note-2)	400V						—	300V	—
	Withstand voltage (V r.m.s.)	2,000			1,800			1,500	1,800	1,500
	Wire size (㎟)	3.5	2					1.25	2	1.25

Note-1 : Specified separately. For safetyas standards, see p.129. (The rated voltage of standard certified products is 265 V.) Note-2 : For the limit operating voltage, see p.131.

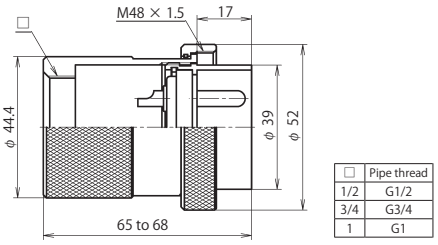
NCS Series Shell Size 44

G Type

【Power receiving side】< Pin (male) contact used >

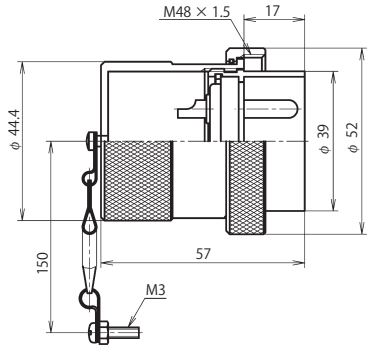


NCS-44 ■ -PM



□	Pipe thread
1/2	G1/2
3/4	G3/4
1	G1

NCS-44 ■ -GPM □ (Note)



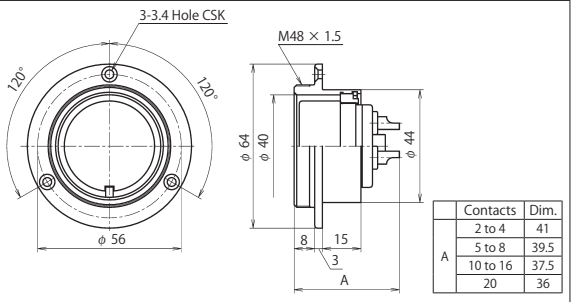
NCS-44 ■ -SPM

Plug

Coupled

【Power supply side】< Socket (female) contact used >

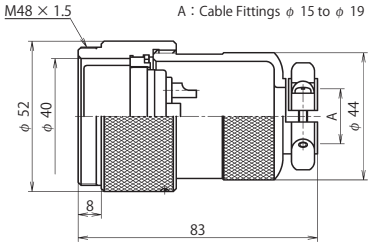
Receptacle



	Contacts	Dim.
A	2 to 4	41
	5 to 8	39.5
	10 to 16	37.5
	20	36

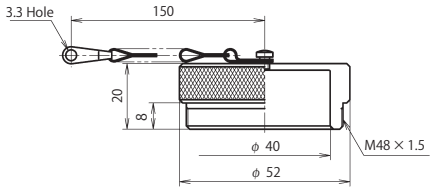
NCS-44 ■ -RF

Adapter

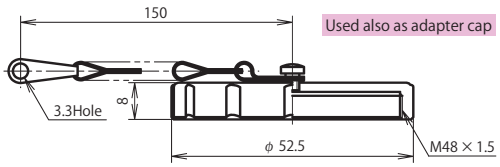


NCS-44 ■ -AdF

Accessory



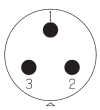
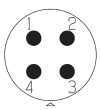
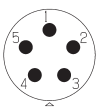
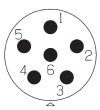
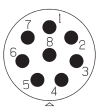
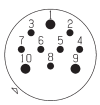
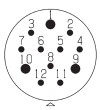
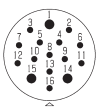
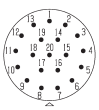
Plug cap : NCS-44-PCa



Receptacle cap : NCS-44-RCa

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

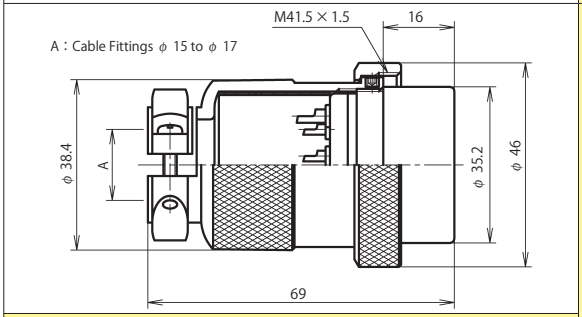
■ indicates the number of contacts.
The conductor cross sectional area is less than the following value.However, for safety standard certified products, use a cable having a value shown on p.129.

Shell size	Number of Contacts	2	3	4	5	6	8	10	12	16	20
44	Contact arrangement <When viewed from the pin (male) contact coupling side>										
	Safety standard (Note-1)	—					CSA NRTL/C	—	CSA NRTL/C		
	Rating	250V 30A			250V 20A			250V 3pcs=10A 7pcs= 5A	250V 3pcs=10A 9pcs= 5A	250V 3pcs=10A 13pcs= 5A	250V 5A
	Limit operating voltage (Note-2)	500V			400V			300V			
	Withstand voltage (V r.m.s.)	2,500			2,000			1,800			
	Wire size (㎟)	5.5						3pcs=2 7pcs=1.25	3pcs=2 9pcs=1.25	3pcs=2 13pcs=1.25	1.25

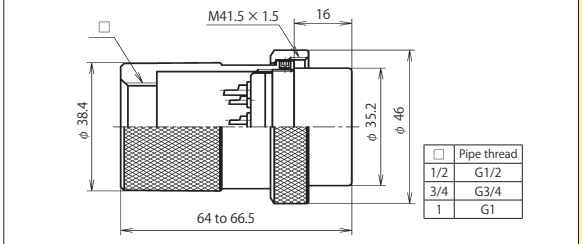
Note-1 : Specified separately. For safety standards, see p.129. (The rated voltage of standard certified products is 265 V.) Note-2 : For the limit operating voltage, see p.131.

S Type

【Power supply side】< Socket (female) contact used >

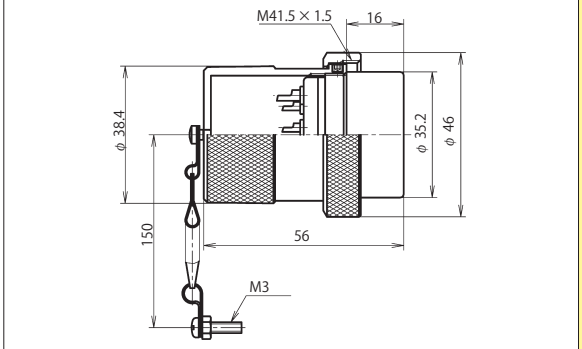


NCS-40 ■ -P



□	Pipe thread
1/2	G1/2
3/4	G3/4
1	G1

NCS-40 ■ -GP □ (Note)



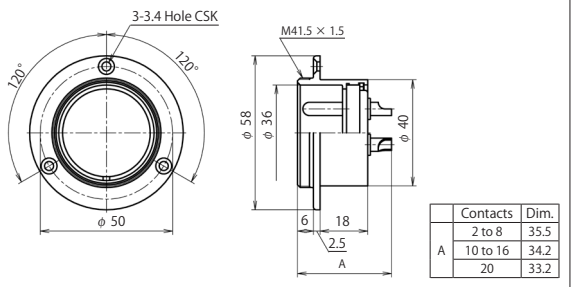
NCS-40 ■ -SP

Plug

Coupled

Receptacle

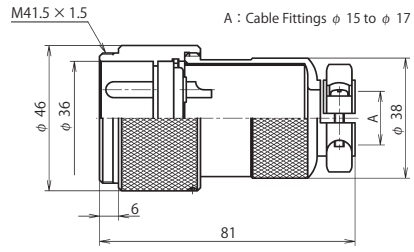
【Power receiving side】< Pin (male) contact used >



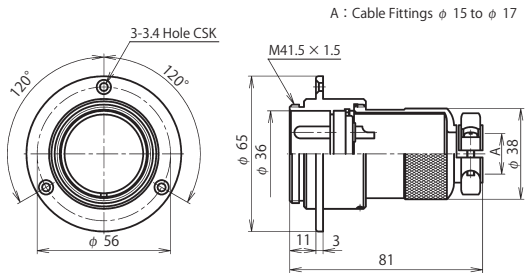
	Contacts	Dim.
A	2 to 8	35.5
	10 to 16	34.2
	20	33.2

NCS-40 ■ -R

Adapter

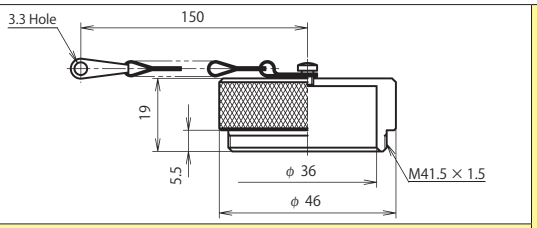


NCS-40 ■ -Ad



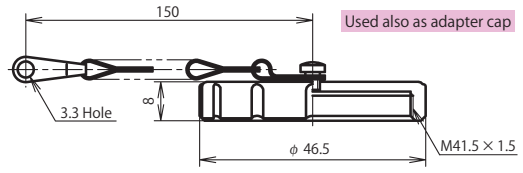
NCS-40 ■ -Ad(F)

Accessory



Plug cap : NCS-40-PCa

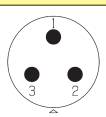
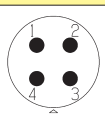
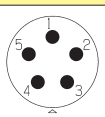
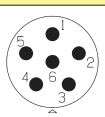
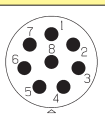
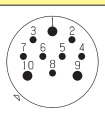
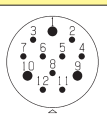
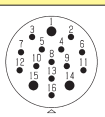
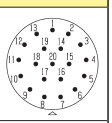
Accessory



Receptacle cap : NCS-40-RCa

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

■ indicates the number of contacts.
The conductor cross sectional area is less than the following value.However, for safety standard certified products, use a cable having a value shown on p.129.

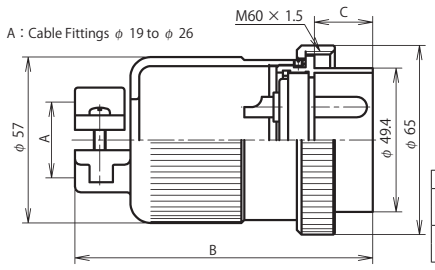
Shell size	Number of Contacts	2	3	4	5	6	8	10	12	16	20
40	Contact arrangement <When viewed from the pin (male) contact coupling side>										
	Safety standard (Note-1)	—					CSA NRTL/C	—	CSA NRTL/C		
	Rating	250V 30A			250V 20A			250V 3pcs=10A 7pcs= 5A	250V 3pcs=10A 9pcs= 5A	250V 3pcs=10A 13pcs= 5A	250V 5A
	Limit operating voltage (Note-2)	500V			400V			300V			
	Withstand voltage (V r.m.s.)	2,500			2,000			1,800			
	Wire size (㎟)	5.5						3pcs=2 7pcs=1.25	3pcs=2 9pcs=1.25	3pcs=2 13pcs=1.25	1.25

Note-1 : Specified separately. For safety standards, see p.129. (The rated voltage of standard certified products is 265 V.) Note-2 : For the limit operating voltage, see p.131.

NCS Series Shell Size 54

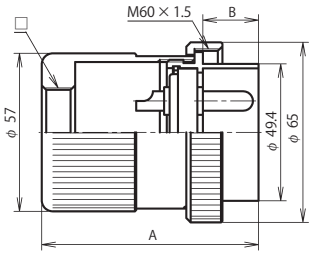
G Type

【Power receiving side】< Pin (male) contact used >



	Contacts	Dim.
B	2 , 3	112
	4 to 25	102
C	2 , 3	30
	4 to 25	20

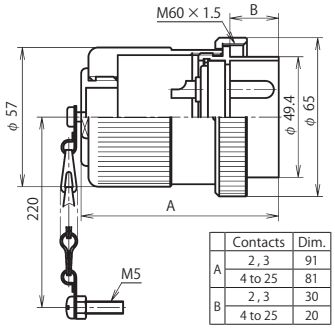
NCS-54 ■ -PM



□	Pipe thread
1/2	G1/2
3/4	G3/4
1	G1

	Contacts	Dim.
A	2 , 3	88 to 91
	4 to 25	78 to 81
B	2 , 3	30
	4 to 25	20

NCS-54 ■ -GPM □ (Note)



	Contacts	Dim.
A	2 , 3	91
	4 to 25	81
B	2 , 3	30
	4 to 25	20

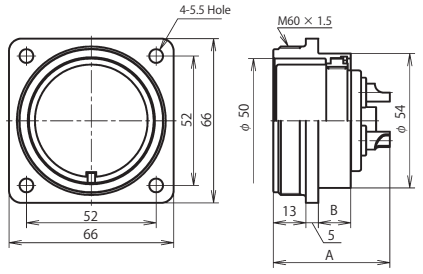
NCS-54 ■ -SPM

Plug

Coupled

【Power supply side】< Socket (female) contact used >

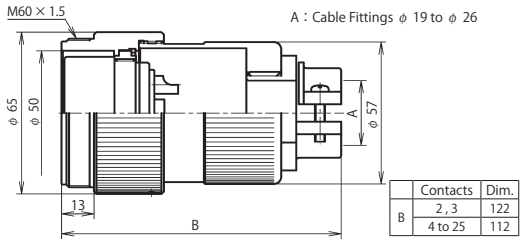
Receptacle



	Contacts	Dim.
A	2 , 3	54
	4	46.5
	8	41
	10	42
	15 , 25	43
B	2 , 3	23
	4 to 25	13

NCS-54 ■ -RF

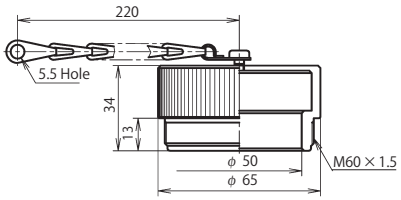
Adapter



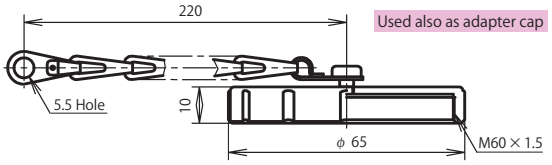
	Contacts	Dim.
B	2 , 3	122
	4 to 25	112

NCS-54 ■ -AdF

Accessory



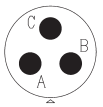
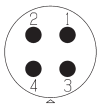
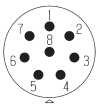
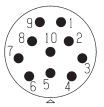
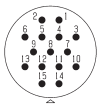
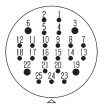
Plug cap : NCS-54-PCa



Receptacle cap : NCS-54-RCa

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

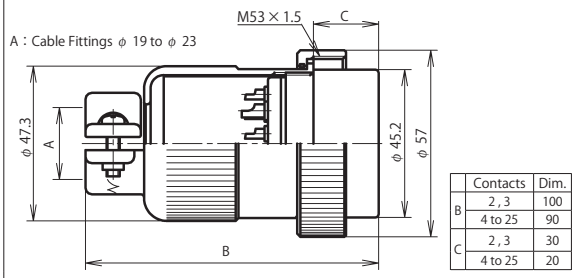
■ indicates the number of contacts.
The conductor cross sectional area is less than the following value.However, for safety standard certified products, use a cable having a value shown on p.129.

Shell size	Number of Contacts	2	3	4	8	10	15	25
54	Contact arrangement <When viewed from the pin (male) contact coupling side>							
	Safety standard (Note-1)	—					CSA NRTL/C	
	Rating	500V 80A		250V 50A	250V 25A	250V 20A	250V 15A	250V 4pcs=15A 21pcs= 5A
	Limit operating voltage (Note-2)	600V		500V	400V	300V		
	Withstand voltage (V r.m.s.)	3,000		2,500	2,000			1,800
	Wire size (㎟)	30		14	3.5			4pcs=3.5 21pcs=2

Note-1 : Specified separately. For safety standards, see p.129. (The rated voltage of standard certified products is 265 V.) Note-2 : For the limit operating voltage, see p.131.

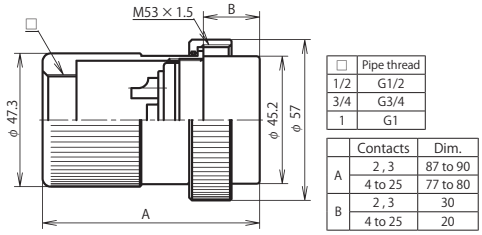
S Type

【Power supply side】< Socket (female) contact used >



	Contacts	Dim.
B	2 , 3	100
	4 to 25	90
C	2 , 3	30
	4 to 25	20

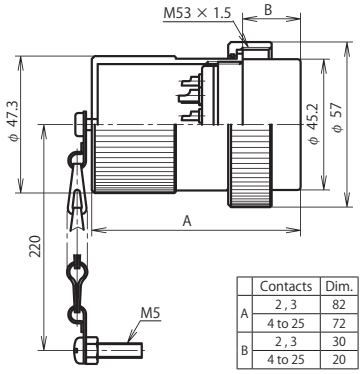
NCS-50 ■ -P



□	Pipe thread
1/2	G1/2
3/4	G3/4
1	G1

	Contacts	Dim.
A	2 , 3	87 to 90
	4 to 25	77 to 80
B	2 , 3	30
	4 to 25	20

NCS-50 ■ -GP □ (Note)



	Contacts	Dim.
A	2 , 3	82
	4 to 25	72
B	2 , 3	30
	4 to 25	20

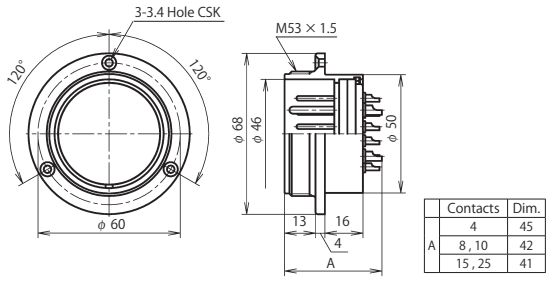
NCS-50 ■ -SP

Plug

Coupled

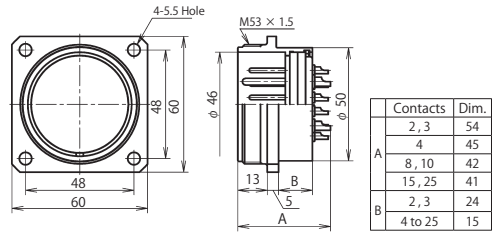
【Power receiving side】< Pin (male) contact used >

Receptacle



	Contacts	Dim.
A	4	45
	8 , 10	42
	15 , 25	41

NCS-50 ■ -R | **Number of contacts 4 to 25** (Number of contacts 2 & 3 not available.)



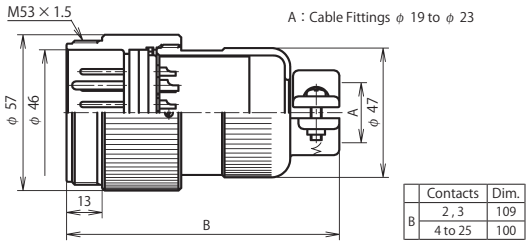
	Contacts	Dim.
A	2 , 3	54
	4	45
	8 , 10	42
	15 , 25	41
B	2 , 3	24
	4 to 25	15

The number of contacts 2 & 3 come with the [square flange] only. When both types of [round flange] and [square flange] exist, the shape symbol is "R kaku" for identification.

NCS-50 ■ -R | **Number of contacts 2 , 3**

NCS-50 ■ -R kaku | **Number of contacts 4 to 25**

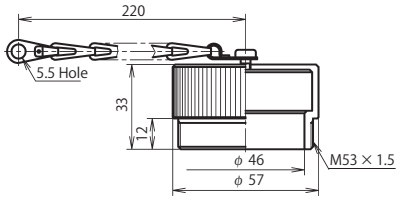
Adapter



	Contacts	Dim.
B	2 , 3	109
	4 to 25	100

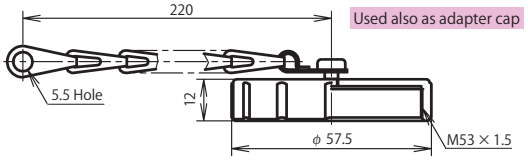
NCS-50 ■ -Ad

Accessory



Plug cap : NCS-50-PCa

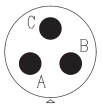
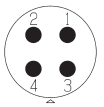
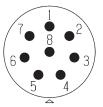
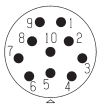
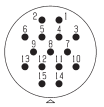
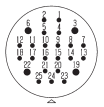
Accessory



Receptacle cap : NCS-50-RCa

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

■ indicates the number of contacts.
The conductor cross sectional area is less than the following value.However, for safety standard certified products, use a cable having a value shown on p.129.

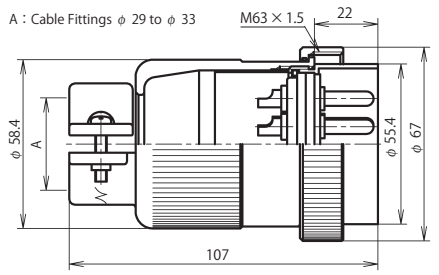
Shell size	Number of Contacts	2	3	4	8	10	15	25
50	Contact arrangement <When viewed from the pin (male) contact coupling side>							
	Safety standard (Note-1)	—					CSA NRTL/C	
	Rating	500V 80A		250V 50A	250V 25A	250V 20A	250V 15A	250V 4pcs=15A 21pcs= 5A
	Limit operating voltage (Note-2)	600V		500V	400V	300V		
	Withstand voltage (V r.m.s.)	3,000		2,500	2,000			1,800
	Wire size (㎟)	30		14	3.5			4pcs=3.5 21pcs=2

Note-1 : Specified separately. For safety standards, see p.129. (The rated voltage of standard certified products is 265 V.) Note-2 : For the limit operating voltage, see p.131.

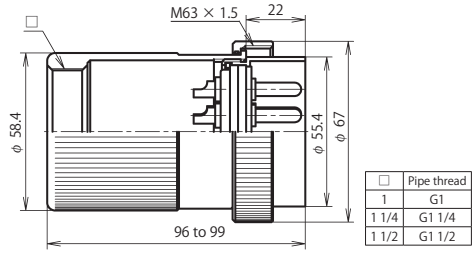
NCS Series Shell Size 60

G Type

【Power receiving side】< Pin (male) contact used >

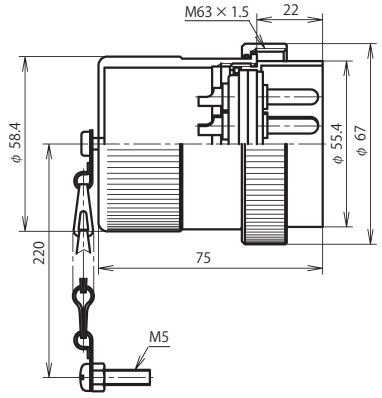


NCS-60 ■ -PM



□	Pipe thread
1	G1
1 1/4	G1 1/4
1 1/2	G1 1/2

NCS-60 ■ -GPM □ (Note)



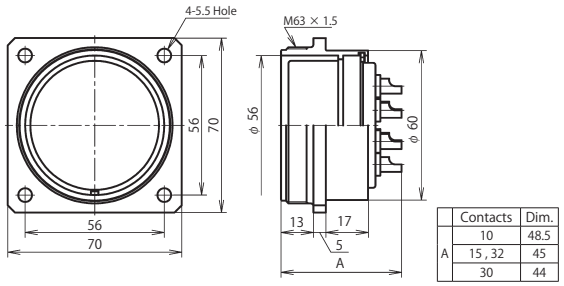
NCS-60 ■ -SPM

Plug

Coupled

【Power supply side】< Socket (female) contact used >

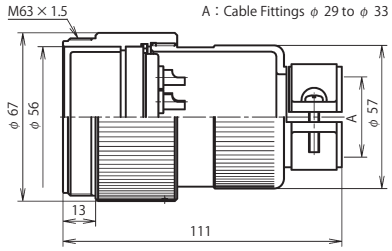
Receptacle



A	Contacts	Dim.
	10	48.5
	15 , 32	45
	30	44

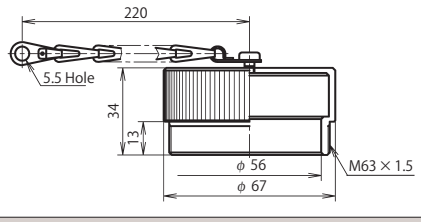
NCS-60 ■ -RF

Adapter

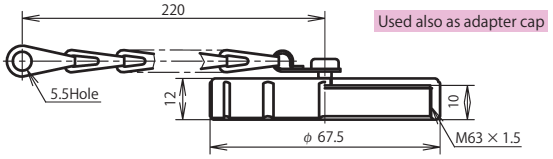


NCS-60 ■ -AdF

Accessory



Plug cap : NCS-60-PCa

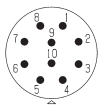
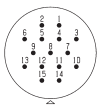
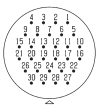


Receptacle cap : NCS-60-RCa

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

2-, 3- and 4-core types are available in Shell size 64.

■ indicates the number of contacts. The conductor cross sectional area is less than the following value.

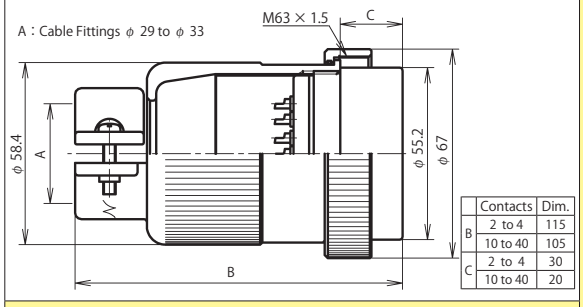
Shell size	Number of Contacts	10	15	30	32
60	Contact arrangement <When viewed from the pin (male) contact coupling side>				
	Safety standard	—			
	Rating	250V 30A	250V 15A	250V 5A	250V 3pcs=15A 29pcs=5A
	Limit operating voltage (Note-1)	300V			
	Withstand voltage (V r.m.s.)	2,000		1,500	
	Wire size (㎟)	8	3.5	2	3pcs=3.5 29pcs=2

Note-1 : For the limit operating voltage, see p.131.

S Type

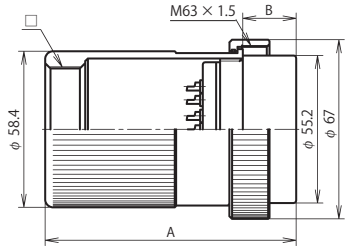
【Power supply side】< Socket (female) contact used >

Plug



	Contacts	Dim.
B	2 to 4	115
	10 to 40	105
C	2 to 4	30
	10 to 40	20

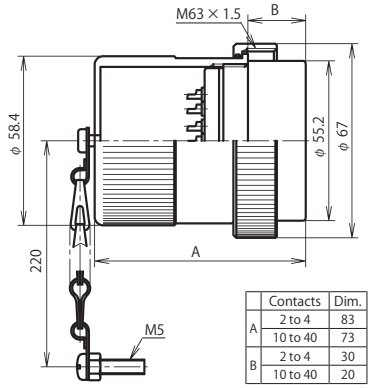
NCS-60 ■ -P



□	Pipe thread
1	G1
1 1/4	G1 1/4
1 1/2	G1 1/2

	Contacts	Dim.
A	2 to 4	104 to 107
	10 to 40	94 to 97
B	2 to 4	30
	10 to 40	20

NCS-60 ■ -GP □ (Note)



	Contacts	Dim.
A	2 to 4	83
	10 to 40	73
B	2 to 4	30
	10 to 40	20

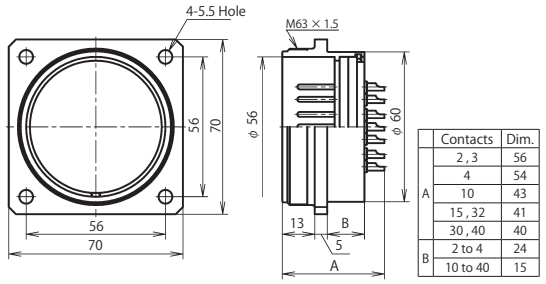
NCS-60 ■ -SP

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

Coupled

【Power receiving side】< Pin (male) contact used >

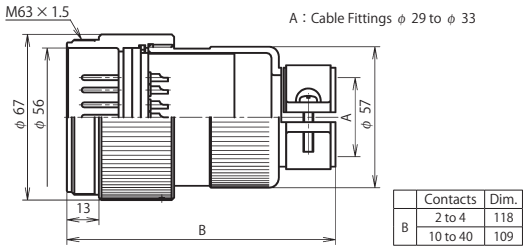
Receptacle



	Contacts	Dim.
A	2 , 3	56
	4	54
	10	43
	15 , 32	41
	30 , 40	40
B	2 to 4	24
	10 to 40	15

NCS-60 ■ -R

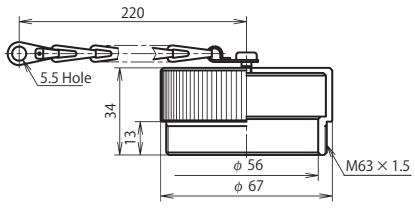
Adapter



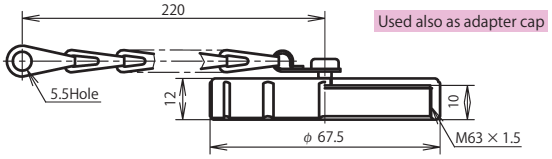
	Contacts	Dim.
B	2 to 4	118
	10 to 40	109

NCS-60 ■ -Ad

Accessory

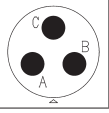
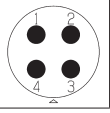
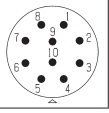
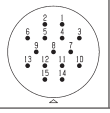
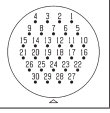
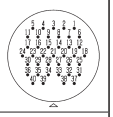


Plug cap : NCS-60-PCa



Receptacle cap : NCS-60-RCa

■ indicates the number of contacts. The conductor cross sectional area is less than the following value.

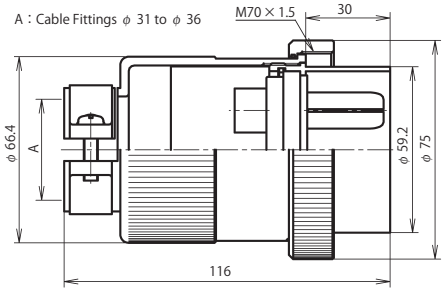
Shell size	Number of Contacts	2	3	4	10	15	30	32	40
60	Contact arrangement <When viewed from the pin (male) contact coupling side>								
	Safety standard	—							
	Rating	500V 150A		500V 80A	250V 30A	250V 15A	250V 5A	250V 3pcs=15A 29pcs=5A	250V 5A
	Limit operating voltage (Note-1)	600V			300V				
	Withstand voltage (V r.m.s.)	3,000			2,500		1,800		
	Wire size (㎟)	50		30	8	3.5	2	3pcs=3.5 29pcs=2	2

Note-1 : For the limit operating voltage, see p.131.

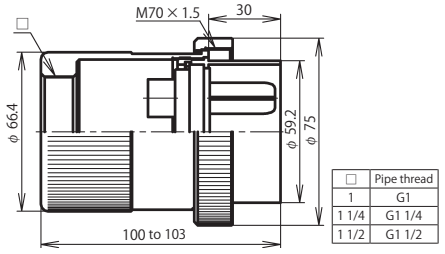
NCS Series Shell Size 64

G Type

【Power receiving side】< Pin (male) contact used >

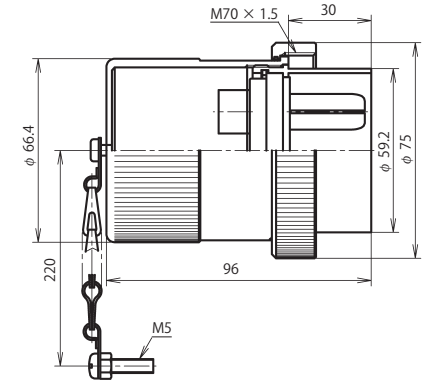


NCS-64 ■ -PM



□	Pipe thread
1	G1
1 1/4	G1 1/4
1 1/2	G1 1/2

NCS-64 ■ -GPM □ (Note)



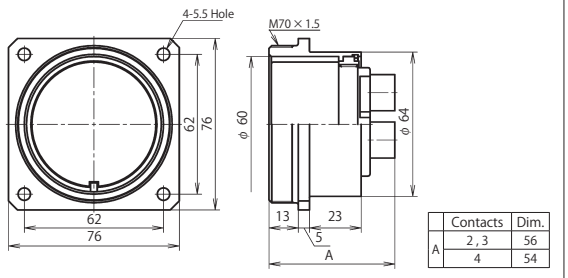
NCS-64 ■ -SPM

Plug

Coupled

【Power supply side】< Socket (female) contact used >

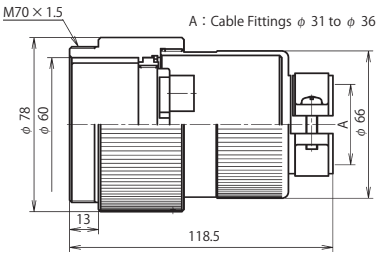
Receptacle



A	Contacts	Dim.
	2 , 3	56
	4	54

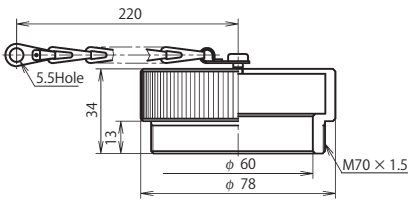
NCS-64 ■ -RF

Adapter

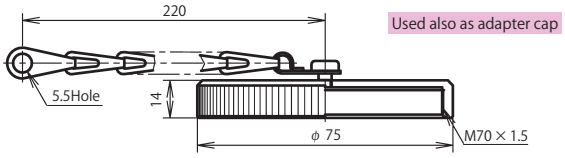


NCS-64 ■ -AdF

Accessory



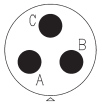
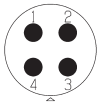
Plug cap : NCS-64-PCa



Receptacle cap : NCS-64-RCa

Note: We show sizes by the nominal "G(PF)" of parallel pipe threads. p.135

■ indicates the number of contacts. The conductor cross sectional area is less than the following value.

Shell size	Number of Contacts	2	3	4
64	Contact arrangement <When viewed from the pin (male) contact coupling side>			
	Safety standard	—		
	Rating	500V 150A		500V 80A
	Limit operating voltage (Note-1)	600V		
	Withstand voltage (V r.m.s.)	3,000		
	Wire size (㎟)	50		30

Note-1 : For the limit operating voltage, see p.131.