

The NAW Series



It is most suitable for outdoor measuring equipment, a construction machine, etc.

Feature

- Water-proof metal connectors
- Quick coupling and locking structure
- RoHS directive
- UL, CSA standard (Size 20 ★)
- Cable termination : Soldering

Order Cording

NAW- 16 3 -P M □

Symbol representing the outer diameter of the cable used
Contact shape (M: male F: female)
Shell shape (P, R, Ad, AD (F))
Number of contacts (2 ~ 24)
Shell size (16 · 20 · 24)
Series designation

Material and Finish

	Material	Finish
Shell	Zinc alloy	Specially chemical finish
Insulator	Synthetic resin	-
Contact	Copper alloy	Silver plating Gold plating
Packing	Synthetic rubber	-

Size 16 New Products

Number of contacts	3	5	8 (*)
Voltage rating	AC125V		
Current rating	10A	5A	Permit of electricity 3A
Operating temperature range	-25°C ~ +85°C		
A.W.G (mm ²)	#16 (1.25mm ²)	#20 (0.5mm ²)	#22 (0.3mm ²)
Withstand voltage	AC1,500V	AC1,000V	AC500V

Symbol □	Outer diameter of cable
5	φ 4.0 ~ φ 4.8
7	φ 5.7 ~ φ 6.8
8	φ 6.9 ~ φ 7.9
9	φ 8.0 ~ φ 9.4
11	φ 9.5 ~ φ 11.0

(*) Contacts are gold-plated

Size 20

Number of cotacts	2	3	4	5	7	10	12	14 (*)
Voltage rating	AC250V							—
Current rating	15A		10A			5A		Permit of electricity 3A
Operating temperature range	-25℃～+85℃							
A.W.G (mm ²)	#14 (2.0mm ²)		#16 (1.25mm ²)			#20 (0.5mm ²)		#22 (0.3mm ²)
Withstand voltage	AC1,500V				AC1,000V			AC500V
Overseas standardized	UL , CSA							—

Symbol □	Outer diameter of cable
6	φ 5.5 ~ φ 6.3
8	φ 7.0 ~ φ 8.5
10	φ 8.6 ~ φ 10.5
12	φ 10.6 ~ φ 12.5

(*) Contacts are gold-plated

★ Example: NAW-20-6-P-F is specified

Size 24

Number of cotacts	2	3	4	5	10	14	16	21 (*)(**)	24(*)
Voltage rating	AC250V							—	—
Current rating	20A		15A		10A	5A		Permit of electricity 3-6A , 18-3A	Permit of electricity 3A
Operating temperature range	-25℃～+85℃							-25℃～+60℃	
AWG(mm ²)	#12(3.5mm ²)		#14(2.0mm ²)		#16 (1.25mm ²)	#20(0.5mm ²)		3-#18(0.75mm ²) 18-#22(0.3mm ²)	#22(0.3mm ²)
Withstand voltage	AC1,500V				AC1,000V			AC500V	

Symbol □	Outer diameter of cable
8	φ 6.8 ~ φ 8.0
11	φ 9.5 ~ φ 11.0
13	φ 11.1 ~ φ 13.0
15	φ 13.1 ~ φ 15.0

(*) Contacts are gold-plated

(*) (**) Contact No. 19, 20, 21 are silver plating.

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URL <http://www.nanabosi.co.jp>