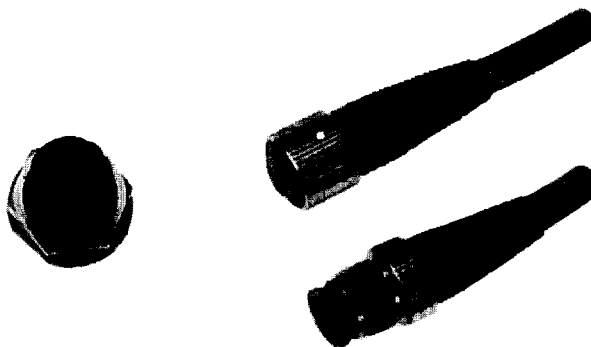


Conforming to NECA 4202



EE-CM01-1A

Small sized circular connectors for sensors CM01 series



APPLICATION

Various kinds of sensors(Optical,Photoelectric,Proximity),found on conveyors, automated welding machines,pick-and-place robot and material handling equipment. Small size with resistance to moisture,oil and dust.

FEATURES

- Moisture proof type design : Class IP67
- UL94V-0 insulator flammability rating
- Small size,compact design : 14mm dia. max.
- Over mold style cable assembly : plug to plug , plug to jack, pigtail plug or jack
- Solder termination for receptacle
- Conforming to NECA 4202 (Nippon Electric Control Equipment Industry Association)

SPECIFICATION

Voltage rating 125VDC
Current rating 3A/contact
Contact resistance 50m Ω max.
Insulation resistance 100M Ω min.
Dielectric withstanding voltage 1500V AC,1minute
Applicable cable AWG#20
Cable assembly Insulator:heat and oil proof material

MATERIAL/FINISH

Insulator PBT resin(UL94V-0)/Gray
Contact Copper alloy/Gold plating
Coupling ring Zinc/Nickel plating
Over molding resin PVC(UL94V-0)



SALES OFFICES

●DDK Ltd.(Japan)	: Tel. 0285-84-7861	Fax. 0285-82-9036
●DDK HONG KONG LTD.	: Tel. 2369-7028	Fax.2369-7392
●DDK ELECTRONICS S' PORE PTE LTD	: Tel. 271-1151	Fax.271-2345
●DDK ELECTRONICS,INC.(USA)	: Tel. 408-980-8344	Fax. 408-980-9750
●DDK ELECTRONICS(EUROPE),LTD.(UK)	: Tel. 01959-5-61224	Fax. 01959-5-61034
●DDK (THAILAND) LTD.	: Tel. 02-529-1428	Fax. 02-529-1427



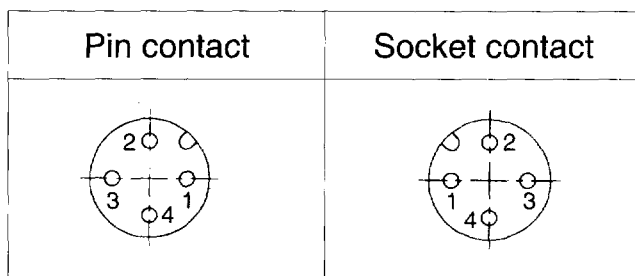
★DDKLS00055★

CM01 Series



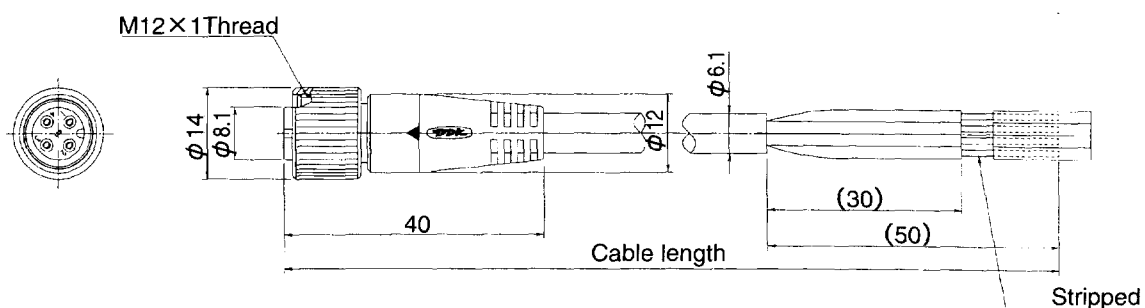
Unit:mm

■ Insert Arrangements (Front view)



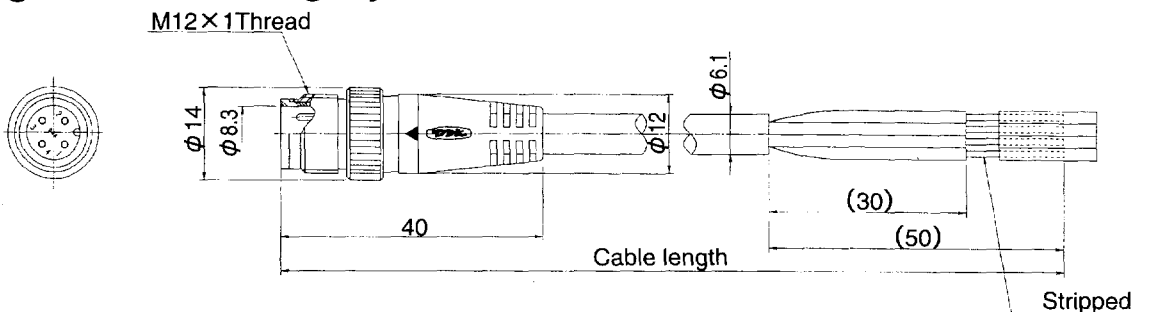
■ Cable Assembly

• Single ended—Straight plug



Part Number	Cable length
CM01—8DP4S 550A (01)	550
CM01—8DP4S 1050A (01)	1050
CM01—8DP4S 2200A (01)	2200
CM01—8DP4S 3050A (01)	3050
CM01—8DP4S 5050A (01)	5050

• Single ended—Straight jack



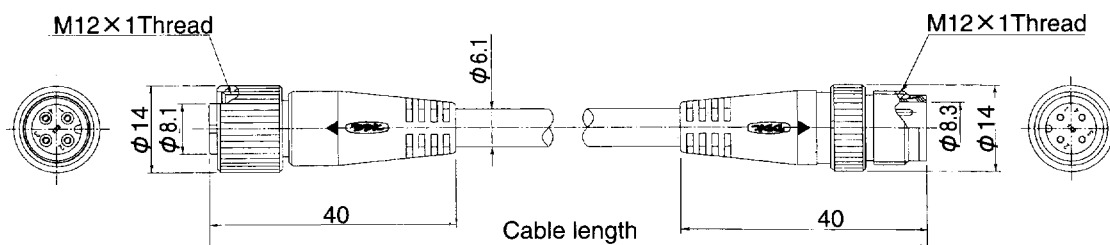
Part Number	Cable length
CM01—8DJ4P 550A (01)	550
CM01—8DJ4P 1050A (01)	1050
CM01—8DJ4P 2200A (01)	2200
CM01—8DJ4P 3050A (01)	3050
CM01—8DJ4P 5050A (01)	5050

CM01 Series



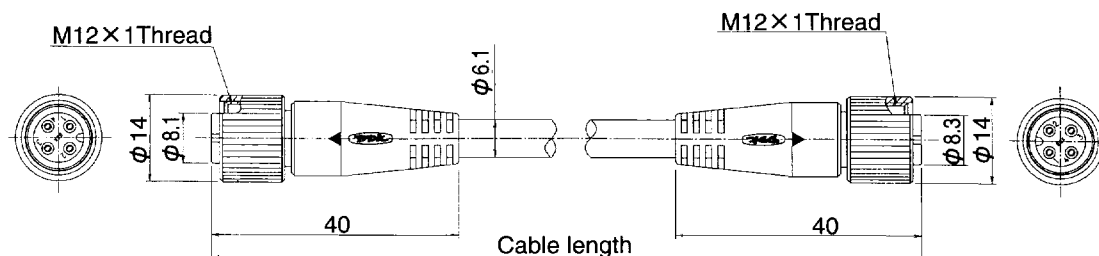
Unit:mm

• Double ended—Straight plug to jack



Part Number	Cable length
CM01A—8DP4S 1000A (01)	1000
CM01A—8DP4S 2000A (01)	2000
CM01A—8DP4S 3000A (01)	3000
CM01A—8DP4S 5000A (01)	5000

• Double ended—Straight plug to jack



Part Number	Cable length
CM01B—8DP4S 1000A (01)	1000
CM01B—8DP4S 2000A (01)	2000
CM01B—8DP4S 3000A (01)	3000
CM01B—8DP4S 5000A (01)	5000

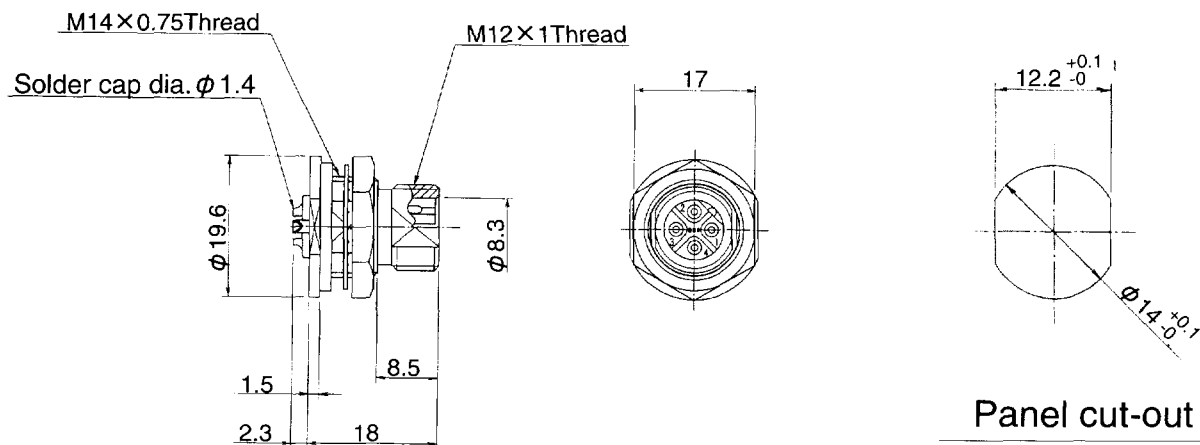
CM01 Series



Unit:mm

■ Receptacle

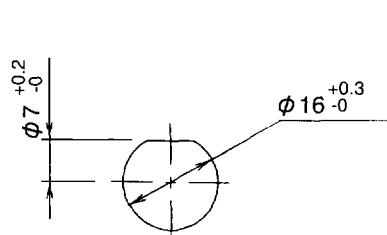
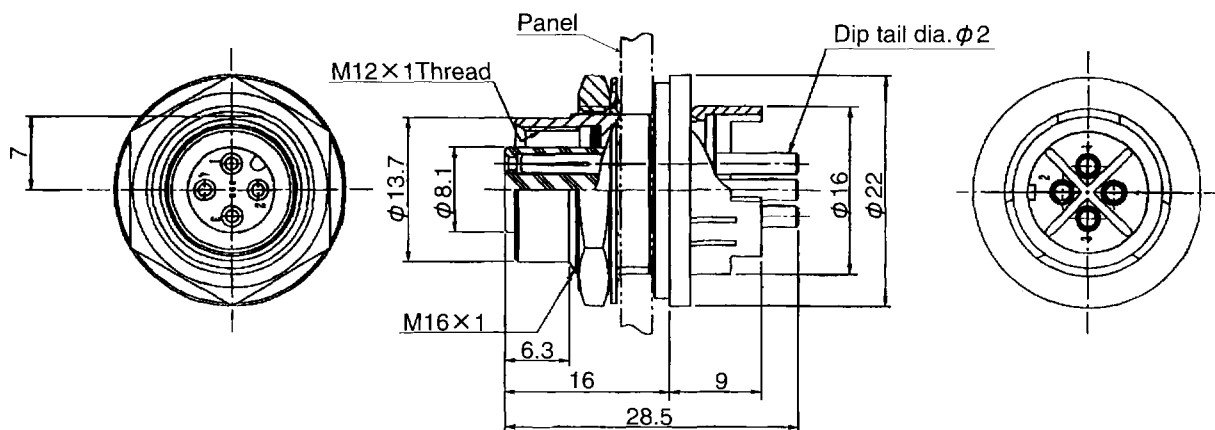
P/N:CM01—8DRA—4P (01)



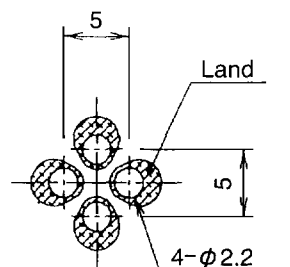
Panel cut-out
(Thickness : 1to2.5)

■ Plug receptacle:straight PCB type

P/N:CM01—8DPRA—4SD (01)



Panel cut-out
(Thickness : 3max.)



PCB Mounting hole

CM01 Series

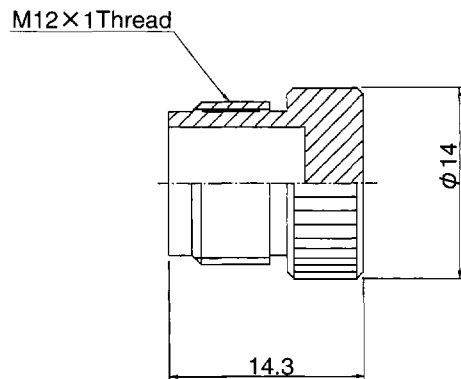


Unit:mm

■ Cap

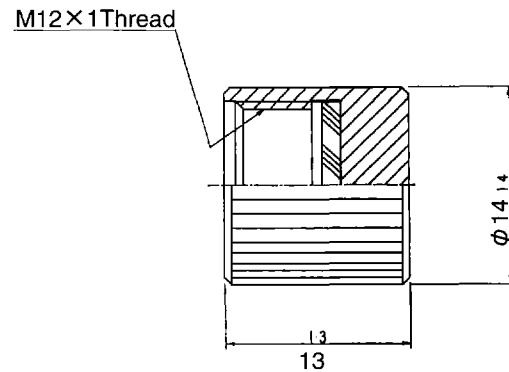
• Plug cap (Metal)

P/N:CM01—P—CAP



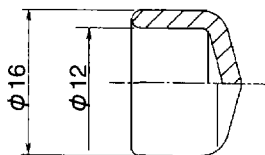
• Receptacle Cap (Metal)

P/N:CM01—R—CAP



• Receptacle Cap (PVC)

P/N:CM01—CAP



■ Connection

