

# M12 Circular Connector



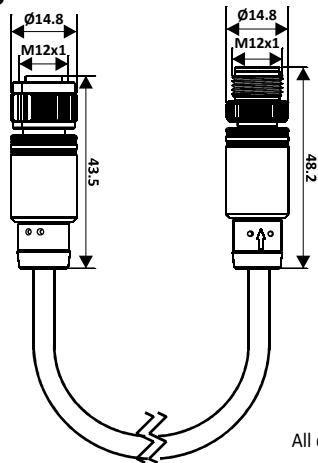
## Dual M12 Female to Male Straight 8 Pin Connector

### Product Image



Product may differ from image.

### Product Diagram



All dimensions are in mm.

### General Specification

Rated Operational Voltage	30 V
Current Rating	2A
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Temperature Range	-25°C ... +75°C
Tightening Torque	0.6 Nm
Degree of Protection	IP67
Coding	A-Coded

### Material Specification

Grip Material	PU
Contact	Cu-Zn
Contact Plating	Gold Flash
Contact Carrier	Nylon 66
O-Ring	Neoprene
Grip Colour	Black
Coupling Nut	Brass Nickel-Plated

### Cable Specification

Cable Length-L	2 m
Cable Type	8 Core PUR Multi Strand
Sheath Colour	Black
Cross Section of Wire	0.25 sq. mm
Core Dia	1.35 mm
Cable Dia	6.3 $\pm$ 0.1 mm

### Pin Assignment



### Specification & Approval

RoHS	Compliant with Exemption
RoHS exemption	6@: Copper alloy containing up to 4 % lead by weight
REACH SVHC substances	Yes
REACH SVHC substances	CAS 7439-92-1 (Lead)
CE	Yes
Standard	IEC 61076-2-101

### Ordering Part No.

Cable Length	Part Number
2 m	CDF12S8-M12S8-02BPUR
3 m	CDF12S8-M12S8-03BPUR
5 m	CDF12S8-M12S8-05BPUR
10 m	CDF12S8-M12S8-10BPUR
15 m	CDF12S8-M12S8-15BPUR

\*Please contact factory for customized cable lengths.

