

# M12 Circular Connector



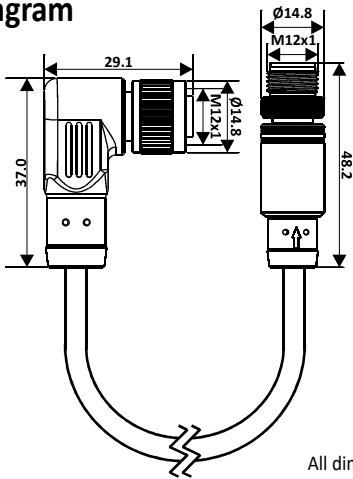
## Dual M12 Female Right Angle to Male Straight 4 Pin Connector

### Product Image



Product may differ from image.

### Product Diagram



### General Specification

|                           |                 |
|---------------------------|-----------------|
| Rated Operational Voltage | 250 V           |
| Current Rating            | 4A              |
| Insulation Resistance     | >= 100 MΩ       |
| 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            | 4 Core PUR Multi Strand |
| Sheath Colour         | Black                   |
| Cross Section of Wire | 0.34 sq. mm             |
| Core Dia              | 1.35 mm                 |
| Cable Dia             | 4.8 ± 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          | CDF12R4-M12S4-02BPUR |
| 3 m          | CDF12R4-M12S4-03BPUR |
| 5 m          | CDF12R4-M12S4-05BPUR |
| 10 m         | CDF12R4-M12S4-10BPUR |
| 15 m         | CDF12R4-M12S4-15BPUR |

\*Please contact factory for customized cable lengths.

