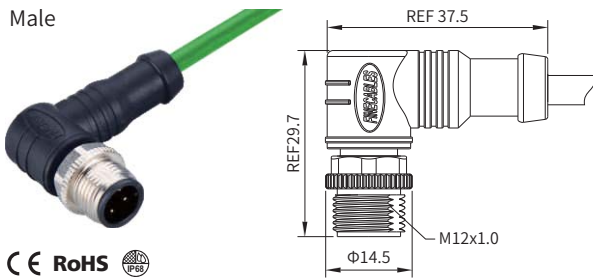
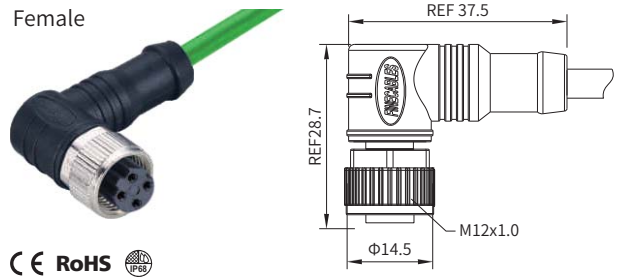


**M12 D-coding Angled Connector, Molded Cable, Shielded**

Male



Female



**Specifications**

|                        |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| Contacts               | 4                                                                          |
| Certification          | UL US CYJV2(CYJV8).E321413                                                 |
| Pin layout(Male)       |                                                                            |
| Pin layout(Female)     |                                                                            |
| Standard               | IEC 61076-2-101                                                            |
| Ambient temperature    | -25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation) |
| Connector insert       | PA                                                                         |
| Connector contacts     | Brass with gold plated                                                     |
| Connector overmold     | TPU                                                                        |
| Coupling nut/screw     | Zinc alloy with nickel plated                                              |
| Seal/O-ring(of Female) | FKM                                                                        |
| Insulation resistance  | ≥100MΩ                                                                     |
| Contact resistance     | ≤5mΩ                                                                       |
| Shielding              | Available                                                                  |
| IP rating              | IP67, IP68, IP69K in locked condition                                      |
| Mating endurance       | >500 cycles                                                                |
| Rated current          | 4 A                                                                        |
| Rated voltage          | 250V AC/DC                                                                 |
| Wire gauge             | 0.34 mm <sup>2</sup> (AWG 22)                                              |

**Part Number**

| Pins | Cable length | Male                 |                      | Female               |                      |
|------|--------------|----------------------|----------------------|----------------------|----------------------|
|      |              | PVC                  | PUR                  | PVC                  | PUR                  |
| 4    | 1m           | MA12MSDHD04RA-10CG34 | MA12MSDHD04RA-10RG34 | MA12FSDHD04RA-10CG34 | MA12FSDHD04RA-10RG34 |
|      | 3m           | MA12MSDHD04RA-30CG34 | MA12MSDHD04RA-30RG34 | MA12FSDHD04RA-30CG34 | MA12FSDHD04RA-30RG34 |
|      | 5m           | MA12MSDHD04RA-50CG34 | MA12MSDHD04RA-50RG34 | MA12FSDHD04RA-50CG34 | MA12FSDHD04RA-50RG34 |

**Default wire colors**

| Pin No. |       |       |
|---------|-------|-------|
| Pin 1   | BN    | WH/OR |
| Pin 2   | WH    | WH/GN |
| Pin 3   | BU    | OR    |
| Pin 4   | BK    | GN    |
| Shell   | Braid |       |