



## Industrial Ethernet Field Attachable Connectors for PROFINET or Ethernet/IP Applications

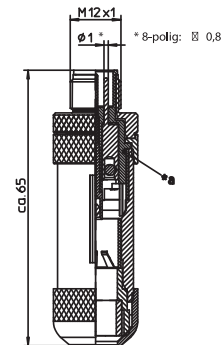
0986 EMC 102



### Male, 4-Pole, D-coding

Field attachable connector, M12 male connector, 3- and 4-pole with threaded joint, shieldable, assembling with spring-type terminals.

– 0986 EMC 102: 4 poles, D coding, especially suitable for Industrial EtherNet data cable 0985 342 000/... M –



\*a O-Ring

### Pin Assignments

M12, Male

4 pole D-coding





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**Technical Data**

**Environmental**

|                             |                                |
|-----------------------------|--------------------------------|
| Degree of protection        | IP 67 / NEMA 6P                |
| Operating temperature range | -25°C (-13°F) / +90°C (+194°F) |

**Mechanical**

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Housing / Molded body | GD-ZnAl, pre-coppered and nickel-plated                                   |
| Insert                | PBT                                                                       |
| Contact               | Stainless steel, silver-plated, gold-plated                               |
| Receptacle shell      | CuZn, nickel-plated                                                       |
| Shield sleeve         | CuBe, tin-plated                                                          |
| O-ring                | FKM                                                                       |
| Mode of connection    | Spring-type terminals                                                     |
| Connectable conductor | 0.14–0.50 mm <sup>2</sup> , 0.14 mm <sup>2</sup> with terminal pin sleeve |

**Electrical**

|                         |                     |
|-------------------------|---------------------|
| Contact resistance      | ≤ 5 mΩ              |
| Nominal current at 40°C | 4 A                 |
| Nominal voltage         | 120 V               |
| Rated voltage           | 125 V               |
| Test voltage            | 1.5 kV eff. / 60 s  |
| Insulation resistance   | > 10 <sup>9</sup> Ω |
| Pollution degree        | 3                   |

| Part Number  | Pins | Cable Diameter Range | Characteristics                                                                       |
|--------------|------|----------------------|---------------------------------------------------------------------------------------|
| 0986 EMC 102 | 4D   | Ø 4.0–9.0 mm         |  |