



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

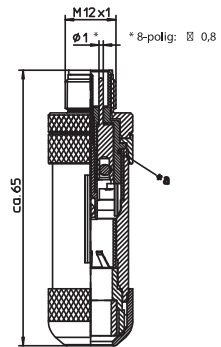
0986 EMC 102



### 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





## Industrial Ethernet Field Attachable Connectors for PROFINET or Ethernet/IP Applications 0986 EMC 102

### 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

