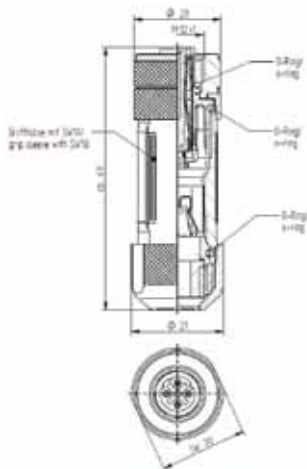


## Industrial Ethernet Field Attachable Connectors for PROFINET or Ethernet/IP Applications

### 0986 EFC 105



#### Female, 4-Pole, D-coding

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

#### Part No.

0986 EFC 105

#### Order No.

935-985-011

#### Technical Data

##### Product Description

Description	M12 female connector with spring-type terminal, field attachable and shielded
Type contacts	Female, spring-type terminal
Number of contacts	4
Cable gland	PG9
Conductor size	0,14 (with wire end ferrule) - 0,5 mm <sup>2</sup>
Cable diameter range	4 - 9 mm
Conductor type	D-coded

##### Electrical

Operating voltage	60 V AC/DC
Rated voltage	250 V AC/DC
Rated current *	4 A
Rated impulse voltage	2,5 kV
Pollution degree	3 acc. to DIN EN 60664-1 (VDE0110)
Contact resistance	≤ 5 mΩ
Insulation resistance	> 10 <sup>9</sup> Ω
Transmission characteristics	Cat.5 acc. to ISO IEC 11801 and Cat.5e acc. to TIA/EIA-568-B.2

\* Notice derating

##### Mechanical

Contact bearer	PBT, black
Housing	GD-ZnAl
Surface housing	Cu, Ni
Contact	Stainless steel
Contact surface	silver-plated, gold plated
Cable gland screw	CuZn, nickel-plated
Knurled nut	CuZn, nickel-plated
Coupling nut	CuZn, nickel-plated
Shielded contacting spring	CuBe
O-ring	FKM
Insulated sleeve	PA
Clamp cage	PBT

##### Environmental

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

Good chemical resistance.

The resistance has to be checked in individual cases

\* only if mounted and locked in combination with the corresponding connector on the installation side tightness has to be assured by taking proper measures.

#### Pin Assignments

##### Face View 7/8"



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