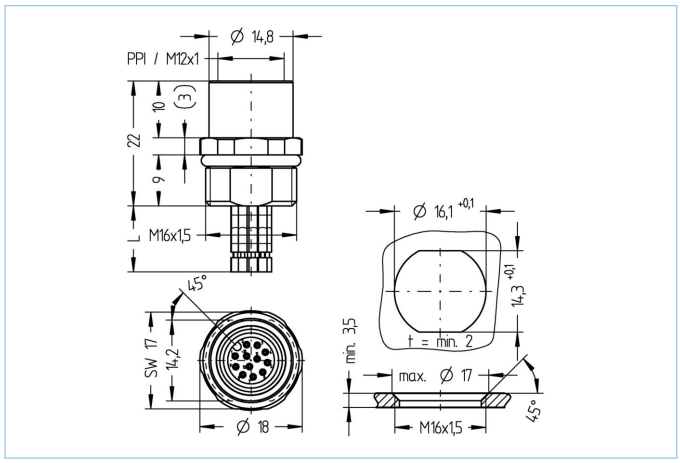
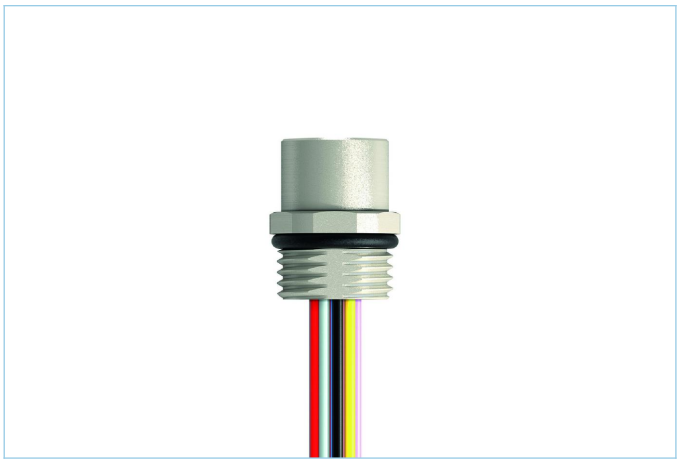
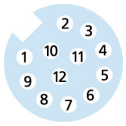
Receptacle, M12, Push-Pull inner locking, female, straight, 12 poles, front wall-mounting, wire contact







Product data	
Item description	AL-PPIFVM12KUA12-m/M16
Item-No.	V9999362
Customs tariff-No.	85444290
Packaging unit	5
Step-File	AL-PPIFVM12KUA12-m_M16.stp

Technical data	
Connector	female, straight, M12
Number of pins	12
Pin assignment	1 BN, 2 BU, 3 WH, 4 GN, 5 PK, 6 YE, 7 BK, 8 GY, 9 RD, 10 VT, 11 GYPK, 12 RDBU
Coding	A
Rated voltage	32V
Current load per pin (at 40°C)	1.5A
Insulation resistance	≥10^8Ω
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, TPU, BK
Receptacle housing material	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM
Material of external sealing	NBR
Mounting direction	Front wall-mounting (without fixing screw)
Wire colors	BN, BU, WH, GN, PK, YE, BK, GY, RD, VT, GYPK, RDBU
Wire cross-section	12 x 0.14 mm²
Wire insulation material	PVC
Fastening thread	M16x1.5
Wire length	on demand
Wall thickness area fixing nut	2,0...4,0 mm
Wall thickness area mounting thread	min. 3,5 mm

The information contained in this data sheet was compiled with the utmost care. The liability for the correctness, completeness and timelines is limited to gross negligence.

Connecting type	Wire contact
Standards	IEC 61076-2-010
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3
Style	straight
Tightening torque housing/flange	2,0 Nm
Classification	
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103
eCl@ss 9.0	27440103
ETIM 5.0	EC002061
ETIM 6.0	EC002061

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