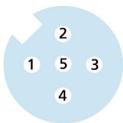
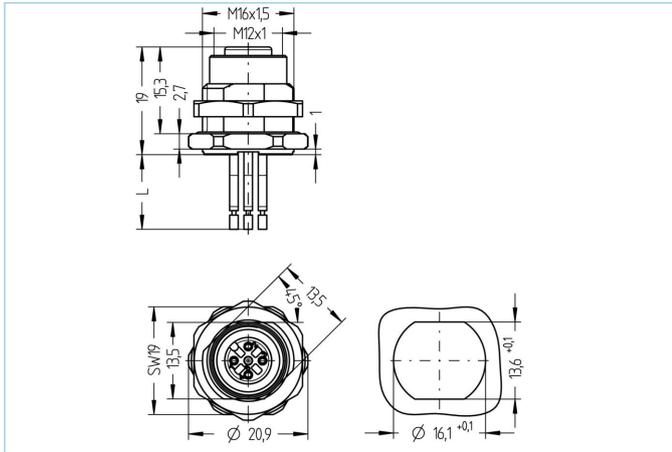


## Receptacle, M12



### Product data

Item description	AL-FHM12KUA5-0,5/M16
Item-No.	8071666
Customs tariff-No.	85444290
Packaging unit	5
Step-File	AL-FHM12KUA5-m_M16.stp
EAN	4047106169251
Substitute for	8027550

### Technical data

Connector	female, straight, M12
Number of pins	4+PE
Pin assignment	1 BN, 2 WH, 3 BU, 4 BK, 5 GNYE
Coding	A
Rated voltage	60V
Current load (at 40°C)	4A
Insulation resistance	≥10 <sup>9</sup> Ω
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuSn, gold-plated
Contact-carrier material	Plastic, PA GF, BK
Receptacle housing material	Metal, CuZn, nickel-plated
Sealing (female) material	FPM/FKM
Material of external sealing	NBR
Mounting direction	Back wall-mounting (incl. Fixing screw)
Wrench size of fastening nut	A/F19
Wire length	0.50m
Wire colors	BN, WH, BU, BK, GNYE
Connecting type	Wire contact
Wire cross-section	4 x 0.34 mm <sup>2</sup>
Wire insulation material	PVC
Fastening thread	M16x1.5

Standards	IEC 61076-2-101
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3
Wire cross-section	4 x 0.34 mm <sup>2</sup>
Wire cross-section PE	1 x 0.34 mm <sup>2</sup>
<b>Classification</b>	
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