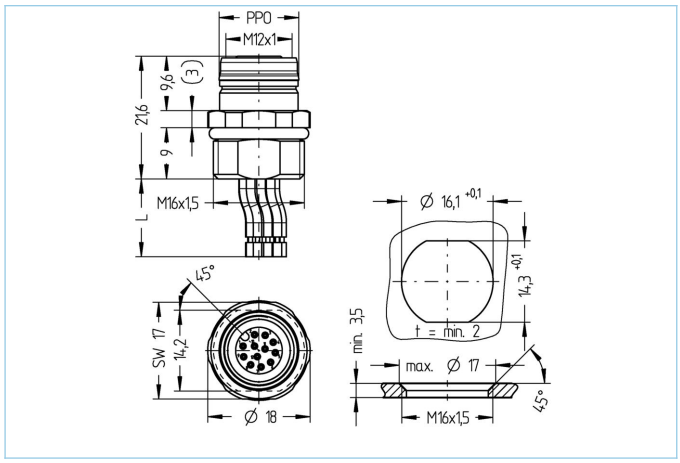
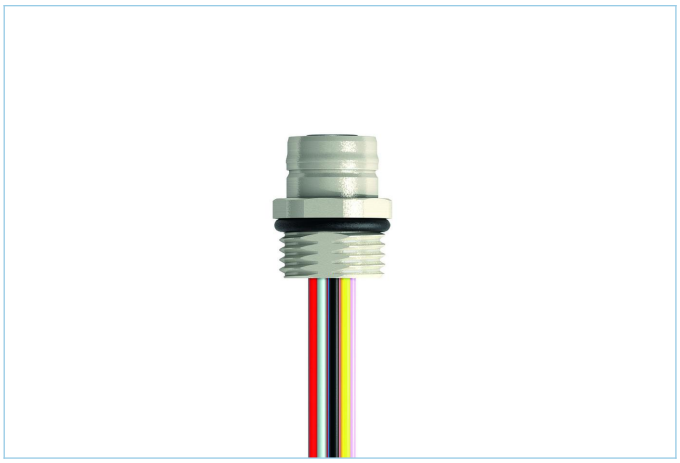
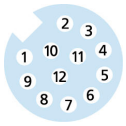
# Receptacle, M12, Push-Pull outer locking, female, straight, 12 poles, front wall-mounting, wire contact






| | |
|---|---|
| **Product data** | |
| Item description | AL-PPOFVM12KUA12-0,5/M16/S520 |
| Item-No. | 8122715 |
| Customs tariff-No. | 85444290 |
| Packaging unit | 5 |
| Step-File | AL-PPOFVM12KUA12-m_M16.stp |
| EAN | 4047106348427 |
| **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 | ≥$10^8$Ω |
| 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 length | 0.50m |
| 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 |
| 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 |

## Link to product

https://www.escha.net/en/8122715