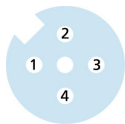
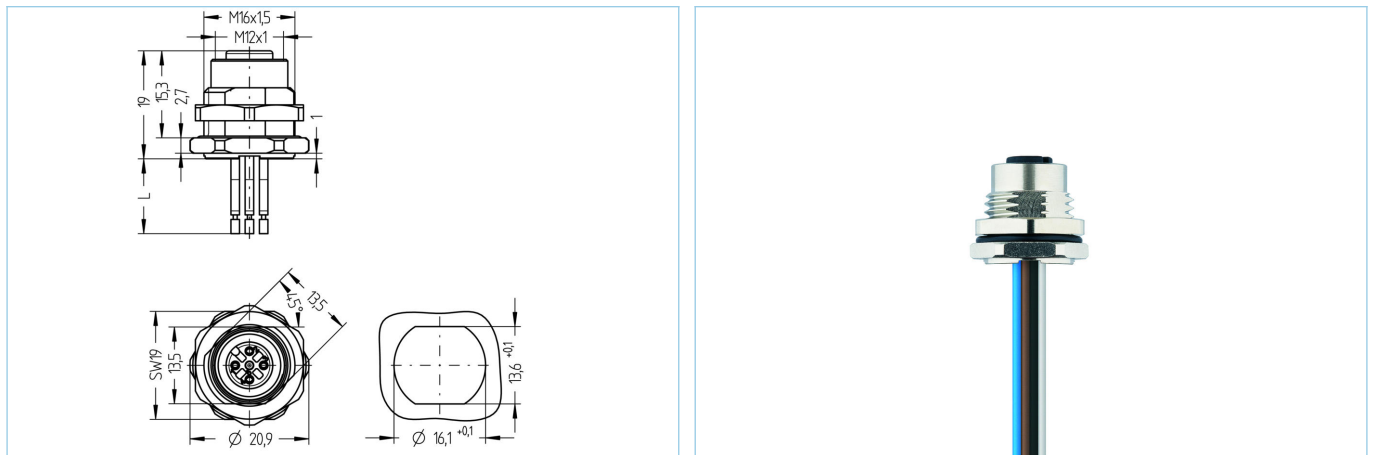


## Receptacle, M12



| Product data                 |                                         |
|------------------------------|-----------------------------------------|
| Item description             | AL-FHM12KUA4-0,5/M16                    |
| Item-No.                     | 8071536                                 |
| Customs tariff-No.           | 85444290                                |
| Packaging unit               | 5                                       |
| Step-File                    | AL-FHM12KUA4-m_M16.stp                  |
| EAN                          | 4047106169015                           |
| Substitute for               | 8027548                                 |
| Technical data               |                                         |
| Connector                    | female, straight, M12                   |
| Number of pins               | 4                                       |
| Pin assignment               | 1 BN, 2 WH, 3 BU, 4 BK                  |
| Coding                       | A                                       |
| Rated voltage                | 250V                                    |
| Current load (at 40°C)       | 4A                                      |
| Insulation resistance        | ≥10 <sup>8</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                          |
| Connecting type              | Wire contact                            |
| Wire cross-section           | 4 x 0.34 mm²                            |
| 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> |
| <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                 |