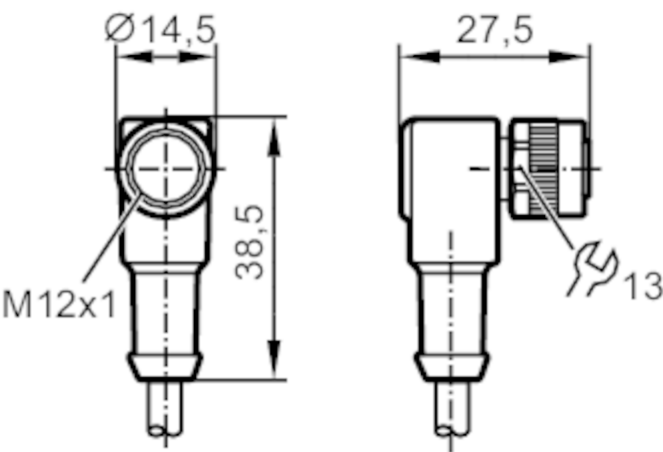


# E12457



## Female cordset

ADOAH120MSS0005H12



| Application             |                                                                                |                                                                                    |
|-------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| System                  | Free from silicone; Halogen-free; gold-plated contacts; Drag chain suitability |                                                                                    |
| Application             | Industrial applications                                                        |                                                                                    |
| Free from silicone      | yes                                                                            |                                                                                    |
| Electrical data         |                                                                                |                                                                                    |
| Operating voltage       | [V]                                                                            | < 30 AC/DC                                                                         |
| Protection class        |                                                                                | II                                                                                 |
| Max. current load total | [A]                                                                            | 1.5                                                                                |
| Operating conditions    |                                                                                |                                                                                    |
| Ambient temperature     | [°C]                                                                           | -25...90                                                                           |
| Protection              |                                                                                | IP 67                                                                              |
| Mechanical data         |                                                                                |                                                                                    |
| Weight                  | [g]                                                                            | 326                                                                                |
| Molded-body material    |                                                                                | PUR                                                                                |
| Material nut            |                                                                                | diecast zinc, nickel-plated                                                        |
| Drag chain suitability  |                                                                                | yes                                                                                |
| Drag chain suitability  | Bending radius for flexible applications                                       | min. 10 x cable diameter                                                           |
|                         | Travel speed                                                                   | max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s² |
|                         | Bending cycles                                                                 | > 2 Mio.                                                                           |
|                         | Torsional strain                                                               | 360 °/m                                                                            |
| Remarks                 |                                                                                |                                                                                    |
| Pack quantity           | 1 pcs.                                                                         |                                                                                    |

# E12457



## Female cordset

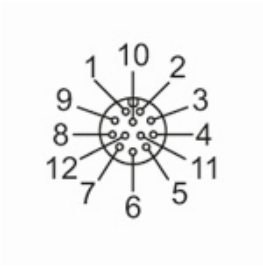
ADOAH120MSS0005H12

### Electrical connection

Cable: 5 m, PUR, Halogen-free, black, Ø 6.6 mm; 12 x 0.25 mm²

### Electrical connection - Socket

Connector: 1 x M12, angled; Moulded body: PUR; Locking: diecast zinc, nickel-plated; Contacts: gold-plated; Tightening torque: 0.7...0.9 Nm



### Connection

|    |       |
|----|-------|
| 1  | BN    |
| 2  | BU    |
| 3  | WH    |
| 4  | GN    |
| 5  | PK    |
| 6  | YE    |
| 7  | BK    |
| 8  | GY    |
| 9  | RD    |
| 10 | VT    |
| 11 | GY/PK |
| 12 | RD/BU |

|         |               |
|---------|---------------|
|         | Core colors : |
| BK =    | black         |
| BN =    | brown         |
| BU =    | blue          |
| GN =    | green         |
| GY =    | grey          |
| GY/PK = | grey/pink     |
| PK =    | pink          |
| RD =    | red           |
| VT =    | lilac         |
| WH =    | white         |
| YE =    | yellow        |
| RD/BU = | red/blue      |