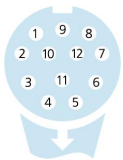
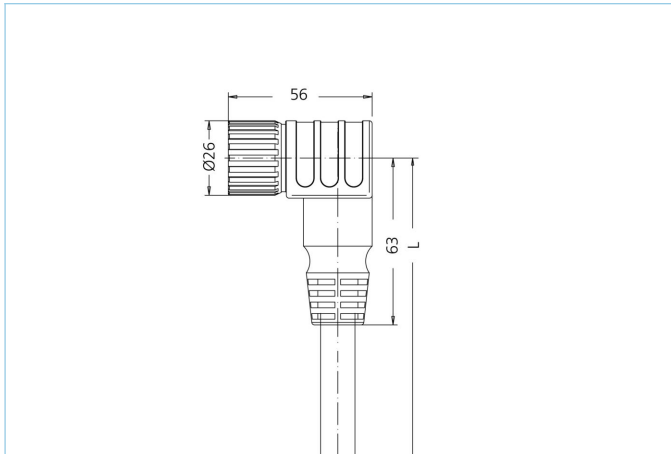


M23, female, angled, 12 poles



Product data

| | |
|--------------------|---------------------|
| Item description | WMKCU12.003-10/S370 |
| Item-No. | 8026050 |
| Length | 10m |
| Customs tariff-No. | 85444290 |
| Step-File | WMKCU12.stp |
| EAN | 4047106024369 |

Technical data

| | |
|--------------------------------|---|
| Connector | female, angled, M23 |
| Number of pins | 12 |
| Pin assignment | 1 WH, 2 GN, 3 YE, 4 GY, 5 PK, 6 RD, 7 BK, 8 VT, 9 n.c., 10 BU, 11 BN, 12 GNYE |
| Rated voltage | 125V |
| Current load power | 8A contacts 10,11,12 |
| Current load signal | 4A, all other contacts |
| Insulation resistance | $\geq 10^9 \Omega$ |
| Ambient temperature product | -30°C...+90°C |
| Contact material | Metal, CuZn, gold-plated |
| Contact-carrier material | Plastic, PBT, BK |
| Grip body material | Plastic, TPU, BK |
| Coupling nut material | Metal, CuZn, nickel-plated |
| Sealing (female) material | Plastic, NBR |
| Degree of protection (mounted) | IP65, IP67 |
| Mechanical life-cycle | >100 mating cycles |
| Cable end assembly | open cable end |
| Degree of pollution | 3 |
| Style | angled |

| | |
|------------------|----------------------|
| Cable web | PUR, UL, S370 |
|------------------|----------------------|

Flexible, silicone- and halogen-free control line with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes- resistant. The drag-chain application is possible at a bending radius of minimum 10 x d. Due to its weld-field immunity, the cable is very well suited for the flexible application in robotics, machine-tool, and metal-cutting production. The cables meet the UL and CSA (UL10493/20549; cULus) requirements.

| | |
|------------------------------|--|
| Outer diameter of jacket | 8.2 mm |
| Cable-jacket material | PUR |
| Jacket color | BK, similar RAL9005 |
| Wire cross-section | 8 x 0.34 mm ² + 3 x 1 mm ² |
| Wire insulation material | PP |
| Wire colors | WH, BK, GN, YE, GY, PK, VT, RD, BN, BU, GNYE |
| Bending radius (repeated) | min. 10 x Ø-cable |
| Temperature range (repeated) | -5°C...+80°C |
| Temperature range (fixed) | -40°C...+80°C |
| Drag chain-application | 2 Mio. cycles |
| Halogen-free | Yes |
| Special features | flame retardant, halogen free, LABS free, RoHs compliant, drag chain-adapted |

| | |
|-----------------------|--|
| Classification | |
|-----------------------|--|

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|------------|----------|
| eCl@ss 6.0 | 27279218 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060311 |
| ETIM 5.0 | EC001855 |
| ETIM 6.0 | EC001855 |

| |
|------------------------|
| Link to product |
|------------------------|

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8026050>