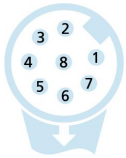
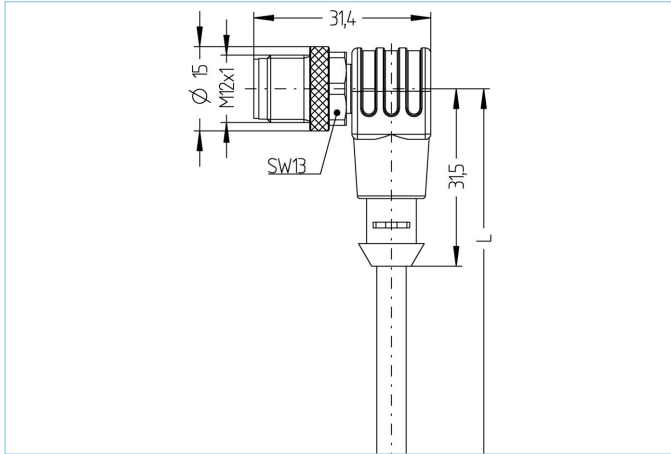


M12, male, angled, 8 poles, sensor-/actuator cable



| Product data | |
|--------------------------------|--|
| Item description | AL-WWAS8-5/S400 |
| Item-No. | 8075566 |
| Length | 5m |
| Customs tariff-No. | 85444290 |
| Step-File | AL-WWAS8.stp |
| EAN | 4047106165345 |
| Technical data | |
| Connector | male, angled, M12 |
| Number of pins | 8 |
| Pin assignment | 1 WH, 2 BN, 3 GN, 4 YE, 5 GY, 6 PK, 7 BU, 8 RD |
| Coding | A |
| Rated voltage | 30V |
| Current load per pin (at 40°C) | 2A |
| Insulation resistance | $\geq 10^9 \Omega$ |
| Resistance | $\leq 5 m\Omega$ |
| Ambient temperature product | -30°C...+90°C |
| Contact material | Metal, CuZn, gold-plated |
| Contact-carrier material | Plastic, TPU, BK |
| Grip body material | Plastic, TPU, BK |
| Coupling nut material | Metal, CuZn, nickel-plated |
| Standards | IEC 61076-2-101 |
| Degree of protection (mounted) | IP65, IP67, IP68 |
| Mechanical life-cycle | >100 mating cycles |
| Cable end assembly | open cable end |
| Degree of pollution | 3 |
| Style | angled |

| | |
|------------------|---------------------------------|
| Cable web | PUR, UL, S400, easystrip |
|------------------|---------------------------------|

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. Manual cable stripping up to 1.5 meters.

| | |
|--------------------------------|--|
| Outer diameter of jacket | 6.00 mm |
| Cable-jacket material | PUR |
| Jacket color | BK, similar RAL9005 |
| Wire cross-section | 8 x 0.25 mm ² |
| Wire insulation material | PP |
| Wire colors | WH, BN, GN, YE, GY, PK, BU, RD |
| Wire structure | 32 x 0.10 mm |
| Bending radius (fixed) | 5 x Ø-cable |
| Bending radius (repeated) | 10 x Ø-cable |
| Temperature range (repeated) | -30°C...+90°C |
| Temperature range (fixed) | -40°C...+90°C |
| Temperature range (drag chain) | -25°C...+60°C |
| Halogen-free | Yes |
| Rated voltage cable | ≤300 V |
| Special features | flame retardant, halogen free, hydrolysis proof, LABS free, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drag chain-adapted, welding sparks resistant, seawater resistant, silicone free, torsion resistant, UV resistant |
| Special | Manual cable stripping up to 1.5 meters |

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

| | |
|------------|----------|
| 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 |

| |
|--------------------|
| Accessories |
|--------------------|

| |
|---|
| Mounting-clip, M12 https://www.escha.net/en/products/standard/accessories-for-connectivity/8047660 |
| Torque-wrench set https://www.escha.net/en/products/standard/accessories-for-connectivity/8055431 |
| Marking rings Ø 9mm https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=809 |
| Screw cap, M12 https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=811 |
| Cable Stripping Tool https://www.escha.net/en/products/standard/accessories-for-connectivity/8066215 |
| Cable Stripping Tool https://www.escha.net/en/products/standard/accessories-for-connectivity/8066216 |

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

<https://www.escha.net/en/products/standard/sensoractuator-connectors/8075566>