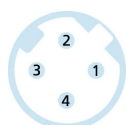
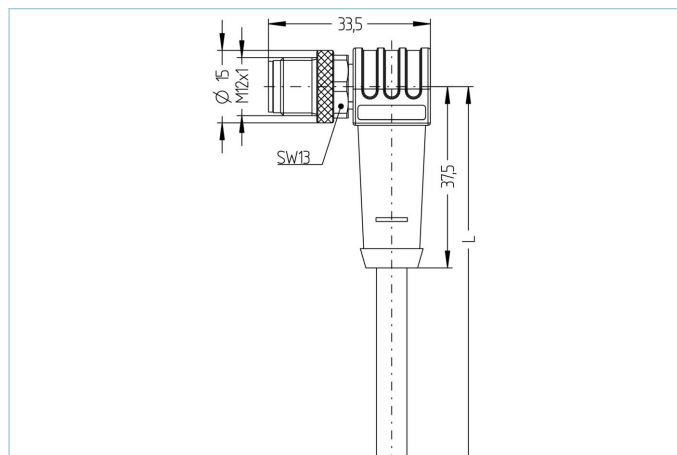


## Single-ended cordset, 100 MBit/s, Industrial Ethernet, shielded



### Product data

|                    |                        |
|--------------------|------------------------|
| Item description   | IE-VWASSY4.082-5/S3400 |
| Item-No.           | 8056570                |
| Length             | 5m                     |
| Customs tariff-No. | 85444290               |
| Step-File          | IE-VWASSY4_082.stp     |
| EAN                | 4047106141301          |

### Technical data

|                                |                            |
|--------------------------------|----------------------------|
| Connector                      | male, angled, M12          |
| Number of pins                 | 4                          |
| Pin assignment                 | 1 WHOG, 2 WHBU, 3 OG, 4 BU |
| Coding                         | D                          |
| Rated voltage                  | 250V                       |
| Current load (at 40°C)         | 4A                         |
| Insulation resistance          | $\geq 10^9 \Omega$         |
| Resistance                     | $\leq 5 m\Omega$           |
| Transmission features          | Cat5e                      |
| 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 |
| Shielding                      | with shielding             |
| 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                          |

#### Advanced technical data UL

|               |                      |
|---------------|----------------------|
| Rated voltage | 30V <sub>AC/DC</sub> |
| Rated current | 4,0A                 |

#### Cable Cat5e, PUR, UL, S3400

Shielded PUR Ethernet-cable for industrial applications. Fits to real-time requirements according to IEC61158. The cable meets the UL-Style20963 (80°/30V)- and the Cat5 (electrical properties according to EN50288-2-2) requirements. Materials and a constructive setup for increased mechanical stresses (abrasion, bending, vibrations etc.) of the cable. Drag-chain/torsion operations are possible. High tensile strength through incorporated Kevlar-strands.

|                           |                                                                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer diameter of jacket  | 4,80 mm                                                                                                                                                                                                                       |
| Cable-jacket material     | PUR                                                                                                                                                                                                                           |
| Jacket color              | GN, similar RAL6018                                                                                                                                                                                                           |
| Wire cross-section        | 1 x 4 x AWG26, star quad                                                                                                                                                                                                      |
| Wire insulation material  | PP                                                                                                                                                                                                                            |
| Wire colors               | WHBU/BU, WHOG/OG                                                                                                                                                                                                              |
| Conductor structure       | 19 x 0.10 mm                                                                                                                                                                                                                  |
| Bending radius (fixed)    | 4 x Ø-cable                                                                                                                                                                                                                   |
| Bending radius (repeated) | 7,5 x Ø-cable                                                                                                                                                                                                                 |
| Temperature range (fixed) | -40°C...+80°C                                                                                                                                                                                                                 |
| Transmission features     | Cat5                                                                                                                                                                                                                          |
| Rated voltage cable       | 30 V UL rating                                                                                                                                                                                                                |
| Special features          | seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, halogen free, oil resistant, high flexibility, microbes resistant |

#### Classification

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27060307 |
| eCl@ss 7.0 | 27060307 |
| eCl@ss 8.0 | 27060307 |
| eCl@ss 9.0 | 27060307 |
| ETIM 5.0   | EC000830 |
| ETIM 6.0   | EC000830 |

#### Accessories

Mounting-set, M12  
<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047664/Mounting-set-M12-clips-and-screws-M4x8-black>

Torque-wrench set  
<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8055431/Torque-wrench-set-M8-M12>

Marking rings Ø 9mm  
<https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809>

Cable Stripping Tool  
<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter>

Cable Stripping Tool  
<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter>