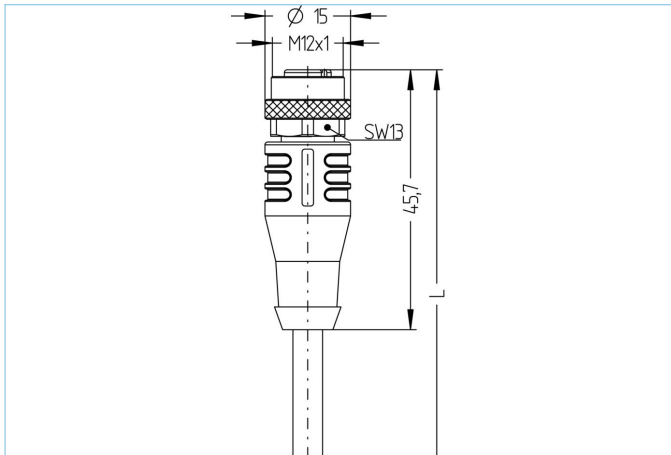


M12, female, straight, 4 poles, D-coded, M12, female, straight, 4 poles, D-coded, shielded, Industrial Ethernet 100 MBit/s



| Product data       |                                     |
|--------------------|-------------------------------------|
| Item description   | IE-WAKSY4.082-1-IE-WAKSY4.082/S3400 |
| Item-No.           | 8097119                             |
| Length             | 1m                                  |
| Customs tariff-No. | 85444290                            |
| EAN                | 4047106275860                       |

| Technical data                 | A-side                       | B-side                       |
|--------------------------------|------------------------------|------------------------------|
| Connector                      | female, straight, M12        | female, straight, M12        |
| Number of pins                 | 4                            | 4                            |
| Pin assignment                 | 1 WH/OG, 2 WH/BU, 3 OG, 4 BU | 1 WH/OG, 2 WH/BU, 3 OG, 4 BU |
| Coding of                      | D                            | D                            |
| Rated voltage                  | 250V                         | 250V                         |
| Current load (at 40°C)         | 4A                           | 4A                           |
| Insulation resistance          | ≥10 <sup>9</sup> Ω           | ≥10 <sup>9</sup> Ω           |
| Ambient temperature product    | -30°C...+90°C                | -30°C...+90°C                |
| Contact material               | Metal, CuSn, gold-plated     | Metal, CuSn, gold-plated     |
| Contact-carrier material       | Plastic, TPU, GN             | Plastic, TPU, GN             |
| Grip body material             | Plastic, TPU, BK             | Plastic, TPU, BK             |
| Coupling nut material          | Metal, CuZn, nickel-plated   | Metal, CuZn, nickel-plated   |
| Sealing (female) material      | FPM/FKM                      |                              |
| Shielding                      | with shielding               | with shielding               |
| Standards                      | IEC 61076-2-101              | IEC 61076-2-101              |
| Degree of protection (mounted) | IP65, IP67, IP68             | IP65, IP67, IP68             |
| Mechanical life-cycle          | >100 mating cycles           | >100 mating cycles           |
| Degree of pollution            | 3                            | 3                            |

## Cable web

Cat5e, PUR, UL, S3400

Shielded PUR Ethernet-cable for industrial applications. Fits to real-time requirements according to IEC61158. The cable meets the UL-Style 21815 (80°/300V)- 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  |
| Wire structure               | 19 x 0.10 mm  |
| Bending radius (fixed)       | 4 x Ø-cable   |
| Bending radius (repeated)    | 7,5 x Ø-cable   |
| Temperature range (repeated) | -30°C...+70°C   |
| Temperature range (fixed)    | -40°C...+80°C   |
| Transmission features        | Cat5  |
| Rated voltage cable          | 300 V UL rating   |
| Special features             | halogen free, high flexibility, hydrolysis proof, LABS free, microbes resistant, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drag chain-adapted, seawater resistant, UV resistant |

## 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 plug, M12

<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=812>