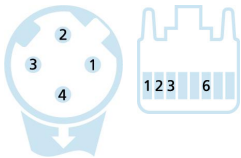
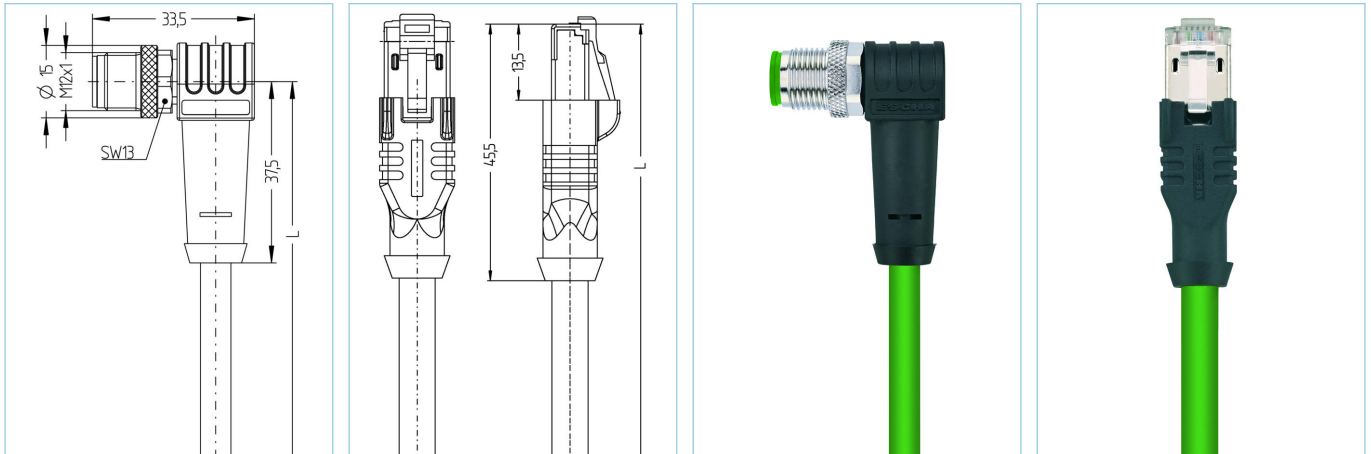


M12, male, angled, 4 poles, D-coded, RJ45, male, straight, 4 poles, shielded, Industrial Ethernet 100 MBit/s



#### Product data

|                    |                                       |
|--------------------|---------------------------------------|
| Item description   | IE-VWASSY4.029-1-IE-RJ45SS4.003/S5200 |
| Item-No.           | 8101294                               |
| Length             | 1m                                    |
| Customs tariff-No. | 85444290                              |
| Step-File          | IE-VWASSY4_029-L-IE-RJ45SS4_003.stp   |
| EAN                | 4047106284510                         |

#### Technical data

|                                | A-side                     | B-side                   |
|--------------------------------|----------------------------|--------------------------|
| Connector                      | male, angled, M12          | male, straight, RJ45     |
| Number of pins                 | 4                          | 4                        |
| Pin assignment                 | 1 YE, 2 WH, 3 OG, 4 BU     | 1 YE, 2 OG, 3 WH, 6 BU   |
| Coding of                      | D                          |                          |
| Rated voltage                  | 60V                        | 60V                      |
| Current load (at 40°C)         | 4A                         | 1A                       |
| Insulation resistance          | $\geq 10^8 \Omega$         | $\geq 10^8 \Omega$       |
| Transmission features          | Cat5e                      | Cat5e                    |
| Ambient temperature product    | -30°C...+90°C              | -40°C...+70°C            |
| Contact material               | Metal, CuSn, gold-plated   | Metal, CuZn, gold-plated |
| Contact-carrier material       | Plastic, TPU, GN           | Plastic                  |
| Grip body material             | Plastic, TPU, BK           | Plastic, TPU, BK         |
| Coupling nut material          | Metal, CuZn, nickel-plated |                          |
| Shielding                      | with shielding             | with shielding           |
| Standards                      | IEC 61076-2-101            | IEC 60603-7-5            |
| Degree of protection (mounted) | IP65, IP67, IP68           | IP20                     |
| Mechanical life-cycle          | >100 mating cycles         | >750 mating cycles       |
| Degree of pollution            | 3                          | 1                        |

## Cable web

Cat5e, PVC, UL, S5200, PROFINET

Shielded, PVC-cable for industrial applications. The cable is AWM-Style 21694 verified or meets the Cat5e (electrical properties of EN 50288-2-1) requirements.

|                              |                                                                                                                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer diameter of jacket     | 6.50 mm                                                                                                                                                                                                                   |
| Cable-jacket material        | PVC                                                                                                                                                                                                                       |
| Jacket color                 | GN, similar RAL6018                                                                                                                                                                                                       |
| Wire cross-section           | 1 x 4 x AWG22, star quad                                                                                                                                                                                                  |
| Wire insulation material     | PVC                                                                                                                                                                                                                       |
| Wire colors                  | WH, BU, OG, YE                                                                                                                                                                                                            |
| Wire structure               | 7 x 0.25 mm                                                                                                                                                                                                               |
| Bending radius (fixed)       | 3 x Ø-cable                                                                                                                                                                                                               |
| Bending radius (repeated)    | 7 x Ø-cable                                                                                                                                                                                                               |
| Temperature range (repeated) | -40°C...+80°C                                                                                                                                                                                                             |
| Temperature range (fixed)    | -20°C...+60°C                                                                                                                                                                                                             |
| Shielding                    | with shielding                                                                                                                                                                                                            |
| Halogen-free                 | No                                                                                                                                                                                                                        |
| UL AWM style                 | UL AWM 21694                                                                                                                                                                                                              |
| Transmission features        | Cat5e                                                                                                                                                                                                                     |
| Rated voltage cable          | 600 V UL rating                                                                                                                                                                                                           |
| Special features             | flame retardant, high flexibility, microbes resistant, oil resistant, oil- and fuel resistant, ozone resistant, PROFINET Type B, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV 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

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>

Unlocking clip for RJ45

<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=807>

Screw cap, M12

<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=811>

## Link to product

<https://www.escha.net/en/products/standard/data-connectors/8101294>