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|--------------------------------|------------------------|
| Thread insert material | Metal, CuZn |
| Connecting type | Fixed cable connection |
| Standards | IEC 61076-2-104 |
| Degree of protection (mounted) | IP65, IP67 |
| Mechanical life-cycle | >100 mating cycles |
| Degree of pollution | 3/2 |

Cable **PVC, UL, P01, GY**

PVC-cable for measurement and control-, and sensor technology. Suitable for applications in dry areas on packaging machines, assembly- and conveyor technology. High flexibility with unstressed movement (conditional drag-chain application possible). Predestined for applications in food- and beverage industry.

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|------------------------------|--|
| Outer diameter of jacket | 7.5 mm |
| Cable-jacket material | PVC |
| Jacket color | GY, similar RAL7040 |
| Wire cross-section | 8 x 0.25 mm ² + 2 x 0.75 mm ² |
| Wire insulation material | PVC |
| Wire colors | PK, BU, WH, GN, RD, BK, YE, GY, BN, VT |
| Wire structure | 32 x 0.10 mm |
| Bending radius (fixed) | 5 x Ø-cable |
| Bending radius (repeated) | 10 x Ø-cable |
| Temperature range (repeated) | -5°C...+80°C |
| Temperature range (fixed) | -40°C...+80°C |
| Special features | seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant |

Allocation chart

| I/O | 1 | | 2 | | 3 | | 4 | | all (+) | all (-) |
|-------|----|----|----|----|----|----|----|----|---------|---------|
| Pin | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 1 | 3 |
| Cable | GN | WH | GY | YE | RD | PK | VT | BK | BN | BU |

Classification

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|------------|----------|
| eCl@ss 6.0 | 27279219 |
| eCl@ss 7.0 | 27279219 |
| eCl@ss 8.0 | 27279219 |
| eCl@ss 9.0 | 27440108 |
| ETIM 5.0 | EC002585 |
| ETIM 6.0 | EC002585 |

Link to product

<https://www.escha.net/en/products/standard/io-junctions/8062820>