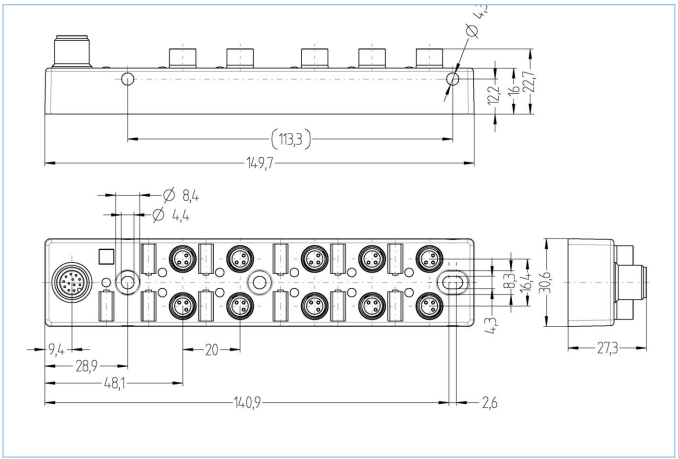
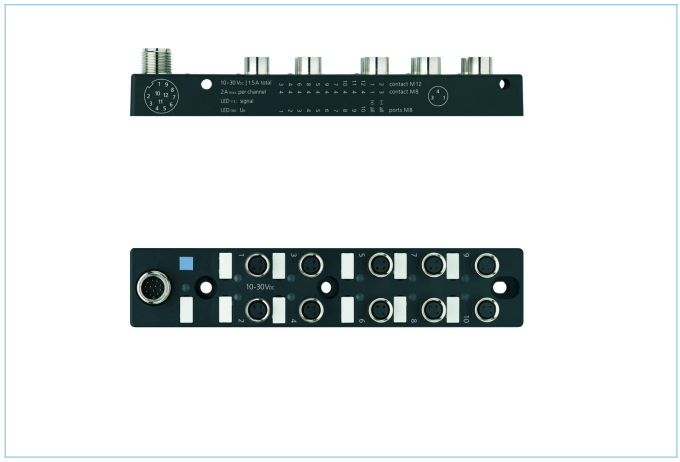
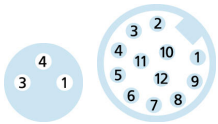
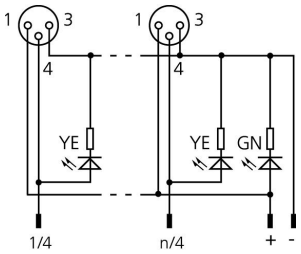
# I/O-junction passive, M8, Top






| Product data | |
|---|---|
| Item description | 10I/OM8-3P2T |
| Item-No. | 8061633 |
| Customs tariff-No. | 85366990 |
| Step-File | 10IOM8-3P2T.stp |
| EAN | 4047106148287 |

| Technical data | |
|---|---|
| I/O-junction | 10-way, with connecting plug, M12 |
| I/O-slot | female, M8 |
| Number of pins | 3 |
| Rated voltage | 30V |
| Current load (at 40°C) | 2A |
| Total current load | 1.5A |
| Insulation resistance | ≥$10^8$Ω |
| Resistance | ≤ 5mΩ |
| Ambient temperature product | -30°C...+90°C |
| Number of LEDs | 11 |
| Number of I/O-slots | 10 |
| Circuit logic | pnp |
| Signal status-indicator | LED YE |
| Contact material | Metal, CuZn, gold-plated |
| Contact-carrier material | Plastic, PA, BK |
| Sealing (female) material | FPM/FKM |
| Housing material | Plastic, PA, BK |
| Connecting type | Top |

The information contained in this data sheet was compiled with the utmost care. The liability for the correctness, completeness and timelines is limited to gross negligence.

| | |
|---|---|
| Thread insert material | Metal, CuZn |
| Standards | IEC 61076-2-104 |
| Degree of protection (mounted) | IP65, IP67 |
| Mechanical life-cycle | >100 mating cycles |
| Connecting plug | M12x1, 12 poles |
| Sealing material, connecting-plug | Plastic, FPM/FKM |
| Receptacle housing material, conecting-plug | Metal, CuZn, nickel-plated |
| Contact material, connecting-plug | Metal, CuZn, gold-plated |
| Contact-carrier material, connecting-plug | Plastic, PA, BK |
| Mechanical life-cycle, connecting-plug | >100 mating cycles |
| Number of pins, connecting-plug | 12 |
| Degree of protection, connecting-plug (mounted) | IP65, IP67 |
| Degree of pollution | 3 |

## Allocation chart

| I/O | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | all (+) | all (-) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pin | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 3 |
| M12 | 3 | 4 | 6 | 8 | 5 | 9 | 7 | 10 | 11 | 12 | 1 | 2 |
| Cable Accessories | WH | GN | YE | GY | PK | RD | BK | VT | GYPK | RDBU | BN | BU |

## Classification

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

## Accessories

Screw plug, M8
https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8015075/Screw-plug-M8-female-black

Labels, I/O-junction passive, I/O-junction logic
https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8011349/Labels-M8-I/O-junctions

Single-ended cordset, Automation Line, M12
https://www.escha.net/en/Products/Standard/SensorActuator-connectors/8046920/M12-female-straight-sensor-/actuator-cable-12-poles-A-coded

Single-ended cordset, Automation Line, M12
https://www.escha.net/en/Products/Standard/SensorActuator-connectors/8046924/M12-female-angled-sensor-/actuator-cable-12-poles-A-coded

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