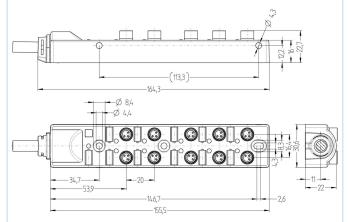
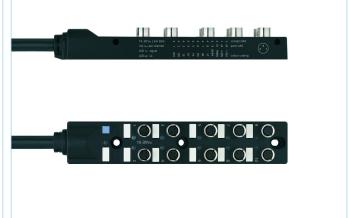
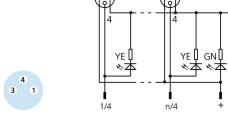


I/O-junctions passive, 10 ports, fixed cable connection, M8, female, 3 poles









| Item description 10VOM8-3P2C-10/5370 Item No. 8061813 Length 10m Customs tariff-No. 85444290 Step-File 100M8-3P2C.stp EAN 4047106148508 Technical data VO-junction 10-way, with cable VO-slot female, M8 Number of pins 3 Rated voltage 30V Current load per pin (at 40°C) 2A Total current load 6A Insulation resistance ≈ 5mΩ 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 Operating voltage-indicator LED YE Contact-carrier material Plastic, PA, BK Sealing (female) material Plastic, PA, BK Connecting type Fixed cable connection | Product data | |
|---|--------------------------------|--------------------------|
| Length 10m Customs tariff-No. 85444290 Step-File 10IOMB-3P2C.stp EAN 4047106148508 Technical data I/O-junction 10-way, with cable I/O-slot female, M8 Number of pins 3 Rated voltage 30V Current load per pin (at 40°C) 2A Total current load 6A Insulation resistance ≤ 10°Ω Resistance ≤ 5mΩ Ambient temperature product -30°C+90°C Number of I/O-slots 11 Number of I/O-slots 10 Circuit logic pnp Signal status-indicator LED YE Operating voltage-indicator LED GN Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, BK Sealing (female) material Plastic, PA, BK | Item description | 10I/OM8-3P2C-10/S370 |
| Customs tariff-No. 85444290 Step-File 1010M8-3P2C.stp EAN 4047106148508 Technical data VO-junction 10-way, with cable VO-slot female, M8 Number of pins 3 Rated voltage 30V Current load per pin (at 40°C) 2A Total current load 6A Insulation resistance ≈ 10°Ω Resistance ≈ 5mΩ Ambient temperature product -30°C+90°C Number of LEDs 11 Number of VO-slots 10 Circuit logic pnp Signal status-indicator LED YE Operating voltage-indicator LED GN Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, BK Sealing (female) material FPM/FKM Housing material Plastic, PA, BK | Item-No. | 8061813 |
| Step-File 1010M8-3P2C.stp EAN 4047106148508 Technical data | Length | 10m |
| EAN4047106148508Technical dataI/O-junction10-way, with cableI/O-slotfemale, M8Number of pins3Rated voltage30VCurrent load per pin (at 40°C)2ATotal current load6AInsulation resistance≤10°QResistance≤ 5mQAmbient temperature product-30°C+90°CNumber of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | Customs tariff-No. | 85444290 |
| Technical dataVO-junction10-way, with cableVO-slotfemale, M8Number of pins3Rated voltage30VCurrent load per pin (at 40°C)2ATotal current load6AInsulation resistance≥10°ΩResistance≤ 5mΩAmbient temperature product-30°C+90°CNumber of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialPlastic, PA, BK | Step-File | 10IOM8-3P2C.stp |
| VO-junction10-way, with cableVO-slotfemale, M8Number of pins3Rated voltage30VCurrent load per pin (at 40°C)2ATotal current load6AInsulation resistance≥10°ΩResistance≤ 5mΩAmbient temperature product-30°C+90°CNumber of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialPMFKMHousing materialPlastic, PA, BK | EAN | 4047106148508 |
| VO-slotfemale, M8Number of pins3Rated voltage30VCurrent load per pin (at 40°C)2ATotal current load6AInsulation resistance≤10°ΩResistance≤ 5mΩAmbient temperature product-30°C+90°CNumber of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED YEContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialPMFKMHousing materialPlastic, PA, BK | Technical data | |
| Number of pins 3 Rated voltage 30V Current load per pin (at 40°C) 2A Total current load 6A Insulation resistance ≥10°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 Operating voltage-indicator LED GN Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, BK Sealing (female) material PPM/FKM Housing material Plastic, PA, BK | I/O-junction | 10-way, with cable |
| Rated voltage30VCurrent load per pin (at 40°C)2ATotal current load6AInsulation resistance≥10°ΩResistance≤ 5mΩAmbient temperature product-30°C+90°CNumber of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | I/O-slot | female, M8 |
| Current load per pin (at 40°C)2ATotal current load6AInsulation resistance≥10°ΩResistance≤ 5mΩAmbient temperature product-30°C+90°CNumber of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | Number of pins | 3 |
| Total current load6AInsulation resistance≥10°ΩResistance≤ 5mΩAmbient temperature product-30°C+90°CNumber of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | Rated voltage | 30V |
| Insulation resistance≥10°ΩResistance≤ 5mΩAmbient temperature product-30°C+90°CNumber of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | Current load per pin (at 40°C) | 2A |
| Resistance≤ 5mΩAmbient temperature product-30°C+90°CNumber of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | Total current load | 6A |
| Ambient temperature product Number of LEDs 11 Number of I/O-slots 10 Circuit logic pnp Signal status-indicator LED YE Operating voltage-indicator Contact material Contact-carrier material Sealing (female) material Housing material Aunuber of I/O-Slots 11 Aunuber of I/O-slots 10 LED YE LED YE LED YE Metal, CuZn, gold-plated Plastic, PA, BK Plastic, PA, BK | Insulation resistance | ≥10°Ω |
| Number of LEDs11Number of I/O-slots10Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | Resistance | ≤ 5mΩ |
| Number of I/O-slots Circuit logic pnp Signal status-indicator LED YE Operating voltage-indicator LED GN Contact material Contact-carrier material Sealing (female) material Housing material 10 Metal, CuZn, Gold-plated FPM/FKM Plastic, PA, BK Plastic, PA, BK | Ambient temperature product | -30°C+90°C |
| Circuit logicpnpSignal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | Number of LEDs | 11 |
| Signal status-indicatorLED YEOperating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | Number of I/O-slots | 10 |
| Operating voltage-indicatorLED GNContact materialMetal, CuZn, gold-platedContact-carrier materialPlastic, PA, BKSealing (female) materialFPM/FKMHousing materialPlastic, PA, BK | Circuit logic | pnp |
| Contact material Metal, CuZn, gold-plated Contact-carrier material Plastic, PA, BK Sealing (female) material FPM/FKM Housing material Plastic, PA, BK | Signal status-indicator | LED YE |
| Contact-carrier material Plastic, PA, BK Sealing (female) material FPM/FKM Housing material Plastic, PA, BK | Operating voltage-indicator | LED GN |
| Sealing (female) material FPM/FKM Housing material Plastic, PA, BK | Contact material | Metal, CuZn, gold-plated |
| Housing material Plastic, PA, BK | Contact-carrier material | Plastic, PA, BK |
| | Sealing (female) material | FPM/FKM |
| Connecting type Fixed cable connection | Housing material | Plastic, PA, BK |
| | Connecting type | Fixed cable connection |



| Thread insert material | Metal, CuZn |
|--------------------------------|--------------------|
| Standards | IEC 61076-2-104 |
| Degree of protection (mounted) | IP65, IP67 |
| Mechanical life-cycle | >100 mating cycles |
| Degree of pollution | 3 |
| Cable | PUR, UL, S370 |

Flexible, silicone- and halogen-free control line with high mechanical strength. The cable is chemicals, hydrolysis-, and microbes- resistant. The dragchain application is possible at a bending radius of minimum 10 x d. Due to its weld-field immunity, the cable is very well suited for the flexible application in robotics, machine-tool, and metal-cutting production. The cables meet the UL and CSA (UL10493/20549; cULus) requirements.

| Outer diameter of jacket | 7.6 mm |
|------------------------------|--|
| Cable-jacket material | PUR |
| Jacket color | BK, similar RAL9005 |
| Wire cross-section | 10 x 0.25 mm ² + 2 x 0.75 mm ² |
| Wire insulation material | PP |
| Wire colors | WHPK, BK, BU, PK, WH, YE, GN, GY, PKBN, RD, BN, VT |
| Bending radius (repeated) | min. 10 x Ø-cable |
| Temperature range (repeated) | -25°C+90°C |
| Temperature range (fixed) | -40°C+90°C |
| Drag chain-application | ≥5 Mio. cycles |
| Halogen-free | Yes |
| Torsion | +/-180°/m, ≥ 0.5 Mio. cycles |
| Special features | flame retardant, LABS free, RoHs compliant, drag chain-adapted, halogen free |

| 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 |
| Cable | HW | GN | YE | GY | PK | RD | BK | S | WHPK | BNPK | BN | вU |

| 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

Labels, I/O-junction passive, I/O-junction active

Screw plug, M8

a.net/en/products/standard/accessories-for-connectivity/8015075

Accessories set, I/O-junction passive, I/O-junction active, M8

Link to product

https://www.escha.net/en/products/standard/io-junctions/8061813