

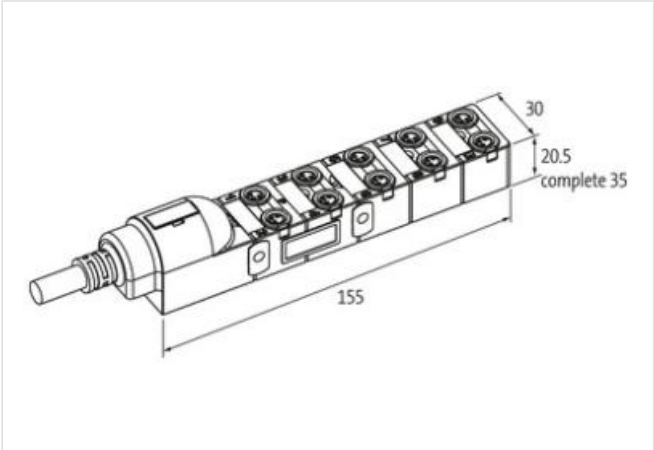
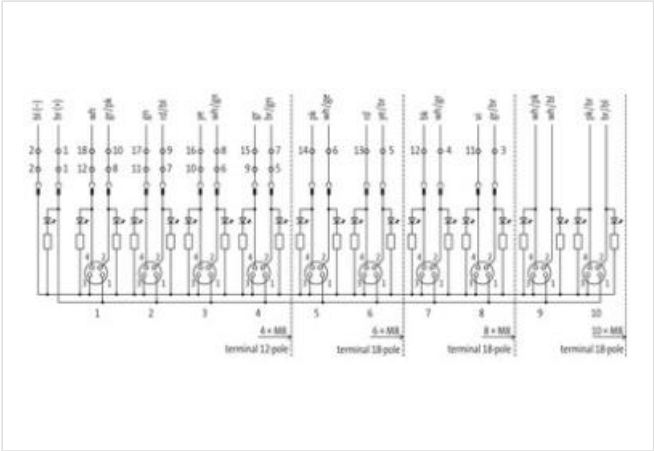
EXACT8, 10XM8, 4POLE, MOULDED CABLE

10.0m PUR 20x0,34+2x0,75

10-way, 4-pole
for NPN signals 24 V DC
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration



Product may differ from Image



| Commercial data | |
|-----------------|----------|
| ECLASS-6.0 | 27279219 |
| ECLASS-6.1 | 27279219 |
| ECLASS-7.0 | 27279219 |
| ECLASS-8.0 | 27279219 |

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|-----------------------|---------------|
| ECLASS-9.0 | 27440108 |
| ECLASS-10.1 | 27440108 |
| ECLASS-11.1 | 27440108 |
| ECLASS-12.0 | 27440108 |
| ETIM-5.0 | EC002585 |
| customs tariff number | 85444290 |
| GTIN | 4048879056632 |
| Packaging unit | 1 |

Electrical data | Supply

| | |
|------------------------------------|------|
| Operating voltage DC | 24 V |
| Current operating per contact max. | 2 A |
| Total current max. | 8 A |

Industrial communication

| | |
|----------------------------|---|
| Number of signals per port | 2 |
|----------------------------|---|

Installation | Connection

| | |
|--------------|--------|
| Mounting set | M8 x 1 |
|--------------|--------|

Device protection | Electrical

| | |
|-------------------------------------|------------|
| Degree of protection (EN IEC 60529) | IP65, IP67 |
|-------------------------------------|------------|

Device protection | Media

| | |
|------------------|-----------------|
| Flame resistance | flame retardant |
|------------------|-----------------|

Mechanical data | Material data

| | |
|------------------|---------|
| Material housing | Plastic |
|------------------|---------|

Mechanical data | Mounting data

| | |
|-----------------|----------------|
| Mounting method | Schraubgewinde |
|-----------------|----------------|

Environmental characteristics | Climatic

| | |
|--|----------------------------|
| Operating temperature min. | -20 °C |
| Operating temperature max. | 80 °C |
| Additional condition temperature range | depending on cable quality |

Installation | Cable

| | |
|--|--|
| Cable identification | 411 |
| Jacket Color | gray |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Stranding | 8 wires around Core filler twisted |
| Amount stranding (type 2) | 1 |
| Stranding (type 2) | 14 wires around Stranding combination twisted |
| Banding | Fleece |
| Filler | yes |
| wire arrangement | violet, brown-pink, brown-gray, brown-blue, white-pink, black, blue-white, gray-white, (brown, blue, brown-yellow, green, red-blue, gray, brown-green, red, yellow-white, yellow, green-white, white, gray-pink, pink) |
| No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| Cable weight | 171,6 g/m |
| Material jacket | PUR |
| Shore hardness jacket | 89 ± 5 Shore A |
| Freedom from ingredients (jacket) | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free, LABS-free |
| Outer-diameter (jacket) | 11,3 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material wire insulation | TPE-E |
| Amount wires | 20 |
| Outer diameter insulation | 1,4 mm |
| Outer diameter tolerance core insulation | ± 5 % |

| | |
|---|--|
| Shore hardness wire insulation | 55 ± 5 Shore D |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free |
| Amount strands (wire) | 19 |
| Diameter of single wires | 0,15 mm |
| Conductor crosssection (wire) | 0,34 mm² |
| Material conductor wire | Stranded copper wire, bare |
| Conductor type (wire) | Strand class 5 |
| Material wire insulation (Data) | TPE-E |
| Outer diameter wire insulation (Data) | 1,8 mm |
| Tolerance outer diameter wire insulation (data) | ± 5 % |
| Shore hardness wire insulation (Data) | 55 ± 5 Shore D |
| Ingredient freeness wire insulation (Data) | lead-free, cadmium-free, CFC-free, halogen-free |
| Amount wires (Data) | 2 |
| Amount strands wire (Data) | 24 |
| Diameter of single wires (Data) | 0,2 mm |
| Conductor crosssection wire (Data) | 0,75 mm² |
| Material conductor wire (Data) | Stranded copper wire, bare |
| Wire conductor type (Data) | Strand class 5 |
| Traversing distance (C-track) | 5 m @ 25 °C horizontal |
| Current load capacity (standard) | to DIN VDE 0298-4 |
| Current load capacity min. wire | 4 A |
| Current load capacity min. Wire (Data) | 12 A |
| Electrical resistance line constant wire | 57 Ω/km @ 20 °C |
| Electrical resistance coating wire (Data) | 26 Ω/km @ 20 °C |
| Max. rated voltage power (conductor - ground) | 300 V |
| Max. rated voltage power (conductor - conductor) | 300 V |
| Power frequency withstand voltage power (wire - jacket) | 2 kV @ 60 s |
| AC withstand voltage power (wire - wire) | 2 kV @ 60 s |
| Min. operating temperature (static) | -40 °C |
| Max. operating temperature (fixed) | 80 °C |
| Operating temperature min. (dynamic) | -5 °C |
| Operating temperature max. (dynamic) | 80 °C |
| Flame resistance | IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 |
| chemical resistance | Good, application-related testing |
| Gasoline resistance | Good, application-related testing |
| Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (installation) | x Outer diameter |
| Bending radius (fixed) | 7,5 x Outer diameter |
| Bending radius (dynamic) | 10 x Outer diameter |

Connection type 2

| | |
|--------------------------|----------------|
| Family construction form | free cable end |
| No. of poles | 20 |
| Family construction form | M8 |
| Gender | female |
| Color contact carrier | black |
| Coding | A |
| No. of poles | 4 |
| PIN 1 | + |
| PIN 2 | S 2 |
| PIN 3 | - |
| PIN 4 | S 1 |