

T1 IP20 -M8 T1 SPE 1x2xAWG24/7 Rail 5.0m



| Part number | 33 28 020 8004 050 |
|--------------------|---|
| Specification | T1 IP20 -M8 T1 SPE 1x2xAWG24/7 Rail 5.0m |
| HARTING eCatalogue | https://b2b.harting.com/33280208004050 |

Image is for illustration purposes only. Please refer to product description.

Identification

| CategorySystem cablingSeriesHARTING T1 IndustrialElementCable assembliesSpecificationPre-assembled on both sidesConnector 1HARTING T1 Industrial OvermouldedConnector 2HARTING M8 T1 Industrial OvermouldedType of cableCopper cable (round)Flame retardant Oil resistant Halogen-free | | |
|--|--------------------------|-----------------------------|
| Element Cable assemblies Specification Pre-assembled on both sides Connector 1 HARTING T1 Industrial Overmoulded Connector 2 HARTING M8 T1 Industrial Overmoulded Type of cable Copper cable (round) Flame retardant Oil resistant | Category | System cabling |
| Specification Pre-assembled on both sides Connector 1 HARTING T1 Industrial Overmoulded Connector 2 HARTING M8 T1 Industrial Overmoulded Type of cable Copper cable (round) Flame retardant Oil resistant | Series | HARTING T1 Industrial |
| Connector 1 HARTING T1 Industrial Overmoulded Connector 2 HARTING M8 T1 Industrial Overmoulded Type of cable Copper cable (round) Flame retardant Oil resistant Flame retardant | Element | Cable assemblies |
| Connector 1 Overmoulded Connector 2 HARTING M8 T1 Industrial Overmoulded Type of cable Copper cable (round) Flame retardant Flame retardant Oil resistant Oil resistant | Specification | Pre-assembled on both sides |
| Connector 2 Overmoulded Type of cable Copper cable (round) Flame retardant Flame retardant Description of the cable Oil resistant | Connector 1 | |
| Flame retardant Description of the cable Oil resistant | Connector 2 | |
| Description of the cable Oil resistant | Type of cable | Copper cable (round) |
| | Description of the cable | Oil resistant |

Version

| Cable length | 5 m |
|--------------------|----------------|
| Number of cores | 2 |
| Core structure | 1x 2x AWG 24/7 |
| Number of contacts | 2 |

Technical characteristics

| Rated current | 4 A |
|------------------------------|-------------------|
| Rated voltage | 60 V DC |
| Transmission characteristics | 600 MHz Bandwidth |

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Technical characteristics

| Data rate | 10 Mbit/s |
|--|--------------------------|
| | 100 Mbit/s 1 Gbit/s |
| | T GDIVS |
| Limiting temperature | -40 +80 °C unmoved |
| 3 • • • • • | -25 +80 °C moved |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP20 |
| Test voltage U _{r.m.s.} | 1 kV (contact-contact) |
| | 2.25 kV (contact-ground) |

Material properties

| Material (cable) | XLPE |
|--------------------------------------|------------------------------|
| Colour (cable) | Black |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Not contained |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R15 (HL 1-3) R16 (HL 1-3) |

Specifications and approvals

| | IEC 63171-6 |
|----------------|---|
| | IEEE 802.3bu (remote power supply over PoDL = Power over Data Line) |
| | IEEE 802.3cg (10BASE-T1) |
| | IEEE 802.3bw (100BASE-T1) |
| | IEEE 802.3bp (1000BASE-T1) |
| Specifications | EN 45545-2 Hazard Level HL1-HL3 |
| | EN 50305 clause 9.1.2 |
| | IEC 60332-1-2 |
| | IEC 60332-3-25 |
| | IEC 60332-3-22 Flame retardancy |
| | EN 60811-404 Oil resistance |

Commercial data

Packaging size

1

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Commercial data

Country of originLatviaEuropean customs tariff number8544290GTIN5713140564602eCl@ss27060307 Bus cable

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