



Pushing Performance
Since 1945

M8 T1 Hybr. m/fe str. PUR bk 5.0m



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

| | |
|--------------------|---|
| Part number | 33 28 181 9225 050 |
| Specification | M8 T1 Hybr. m/fe str. PUR bk 5.0m |
| HARTING eCatalogue | https://harting.com/33281819225050 |

Identification

| | |
|--------------------------|--|
| Category | System cabling |
| Series | HARTING T1 Industrial |
| Element | Cable assemblies |
| Specification | Pre-assembled on both sides |
| Connector 1 | HARTING M8 T1 Industrial Male Overmoulded |
| Connector 2 | HARTING M8 T1 Industrial Female Overmoulded |
| Type of cable | Copper cable (round) |
| Description of the cable | Flame retardant Oil resistant Halogen-free |

Version

| | |
|--------------------|--------------------------------|
| Cable length | 5 m |
| Number of cores | 4 |
| Core structure | 1x 2x AWG 22/7 2x AWG 18/19 |
| Gender | Male Female |
| Number of contacts | 4 |
| Coding | Single Pair Ethernet (SPE) |
| Locking type | Screw locking |



Pushing Performance
Since 1945

Technical characteristics

| | |
|------------------------------|-------------------|
| Rated voltage | 60 V DC |
| Rated current (data) | 4 A |
| Rated current (power) | 8 A |
| Transmission characteristics | 600 MHz Bandwidth |
| Data rate | 10 Mbit/s |
| | 100 Mbit/s |
| | 1 Gbit/s |
| Limiting temperature | -40 ... +85 °C |
| Cable diameter | 7.1 mm ± 0.3 mm |
| Minimum bending radius | 5x Cable diameter |
| Drag chain compatible | No |

Material properties

| | |
|--------------------------------------|--|
| Material (cable) | PUR (polyurethane) |
| Colour (cable) | Black |
| RoHS | compliant with exemption |
| RoHS exemptions | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |
| ECHA SCIP number | 567c8b78-5fa0-43aa-a4c0-beb9d99b7769 |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |



Pushing Performance
Since 1945

Specifications and approvals

| | |
|----------------|---|
| Specifications | 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) |
| | IEC 60332-1-2 Flame retardancy |
| | UL 2556 Sec. 9.3 (FT1) |
| | UL 2556 Sec. 9.4 (VW-1) |
| | UL 758 Oil resistance |
| | IEC 60754-1 Halogen freeness |

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Country of origin | Latvia |
| European customs tariff number | 85444290 |
| eCl@ss | 27060390 Ready-made data cable (unspecified) |
| UNSPSC 24.0 | 26121600 |