Pushing Performance
Since 1945

M8 T1 Hybr. m. str. PUR bk 0.5m



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

Part number	33 28 180 0225 005
Specification	M8 T1 Hybr. m. str. PUR bk 0.5m
HARTING eCatalogue	https://harting.com/33281800225005

Identification

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

Version

Cable length	0.5 m
Number of cores	4
Core structure	1x 2x AWG 22/7 2x AWG 18/19
Gender	Male
Number of contacts	4
Coding	Single Pair Ethernet (SPE)
Locking type	Screw locking

Technical characteristics

Rated voltage	60 V DC
Rated current (data)	4 A

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Technical characteristics

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
PFAS	No
ECHA SCIP number	567c8b78-5fa0-43aa-a4c0-beb9d99b7769
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

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

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Specifications and approvals

Approvals	CE UKCA

Commercial data

Packaging size	1
Net weight	56.8 g
Country of origin	Latvia
European customs tariff number	85444290
eCl@ss	27060390 Ready-made data cable (unspecified)
UNSPSC 24.0	26121600

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