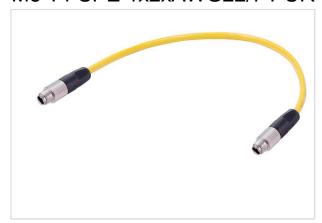


# M8 T1 SPE 1x2xAWG22/7 PUR 1.0m



Part number	33 28 080 8002 010
Specification	M8 T1 SPE 1x2xAWG22/7 PUR 1.0m
HARTING eCatalogue	https://b2b.harting.com/33280808002010

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

## Identification

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

#### Version

Cable length	1 m
Number of cores	2
Core structure	1x 2x AWG 22/7
Number of contacts	2

#### Technical characteristics

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



## Technical characteristics

Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s
Contact resistance	≤20 mΩ
Shielding resistance	≤100 mΩ
Limiting temperature	-40 +80 °C unmoved -25 +80 °C moved
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67
Test voltage U <sub>r.m.s.</sub>	1 kV (contact-contact) 2.25 kV (contact-ground)

## Material properties

Material (cable)	PUR (polyurethane)
Colour (cable)	Yellow
RoHS	compliant
ELV status	compliant
China RoHS	е
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)
Specifications	IEEE 802.3bw (100BASE-T1)
	IEEE 802.3bp (1000BASE-T1)
	IEC 60332-1-2 Flame retardancy
	EN 60811-404 Oil resistance

#### Commercial data

Packaging size	1
Country of origin	Czechia

Product data sheet 33 28 080 8002 010 M8 T1 SPE 1x2xAWG22/7 PUR 1.0m



## Commercial data

European customs tariff number	85444290
GTIN	5713140798397
eCl@ss	27060307 Bus cable