

## MPP T1 - T1 IP20 SPE 1x2xAWG22/7 PUR 40m



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

Part number	33 28 280 2002 400
Specification	MPP T1 - T1 IP20 SPE 1x2xAWG22/7 PUR 40m
HARTING eCatalogue	<a href="https://harting.com/33282802002400">https://harting.com/33282802002400</a>

### Identification

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

### Version

Cable length	40 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	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained

## 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 EN 60811-404 Oil resistance
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## Commercial data

Packaging size	1
Country of origin	Latvia
European customs tariff number	85444290
GTIN	5713140345744

### Commercial data

eCl@ss	27060307 Bus cable
UNSPSC 24.0	26121600