

## T1 SPE IP20 1x2xAWG22/7 PUR 0,5m



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

|                    |                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------|
| Part number        | 33 28 010 1002 005                                                                          |
| Specification      | T1 SPE IP20 1x2xAWG22/7 PUR 0,5m                                                            |
| HARTING eCatalogue | <a href="https://b2b.harting.com/33280101002005">https://b2b.harting.com/33280101002005</a> |

### Identification

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

### Version

|                 |                |
|-----------------|----------------|
| Cable length    | 0.5 m          |
| Number of cores | 2              |
| Core structure  | 1x 2x AWG 22/7 |

### Technical characteristics

|                              |                                     |
|------------------------------|-------------------------------------|
| Rated current                | 4 A                                 |
| Rated voltage                | 60 V DC                             |
| Transmission characteristics | 600 MHz Bandwidth                   |
| Data rate                    | 10 Mbit/s<br>100 Mbit/s<br>1 Gbit/s |



## Technical characteristics

|                                        |                                                    |
|----------------------------------------|----------------------------------------------------|
| Contact resistance                     | ≤20 mΩ                                             |
| Shielding resistance                   | ≤100 mΩ                                            |
| Limiting temperature                   | -40 ... +80 °C unmoved<br>-25 ... +80 °C moved     |
| Mating cycles                          | ≥1,000                                             |
| Degree of protection acc. to IEC 60529 | IP20                                               |
| Test voltage U <sub>DC</sub>           | 1 kV (contact-contact)<br>2.25 kV (contact-ground) |

## Material properties

|                  |                    |
|------------------|--------------------|
| Material (cable) | PUR (polyurethane) |
| Colour (cable)   | Yellow             |

## Specifications and approvals

|                |                                                                                                                                                                                                                                            |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specifications | IEC 63171-6<br>IEEE 802.3bu (remote power supply over PoDL = Power over Data Line)<br>IEEE 802.3cg (10BASE-T1)<br>IEEE 802.3bw (100BASE-T1)<br>IEEE 802.3bp (1000BASE-T1)<br>IEC 60332-1-2 Flame retardancy<br>EN 60811-404 Oil resistance |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Commercial data

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