



Pushing Performance  
Since 1945

# T1 SPE IP20 1x2xAWG26/7 PUR 20m

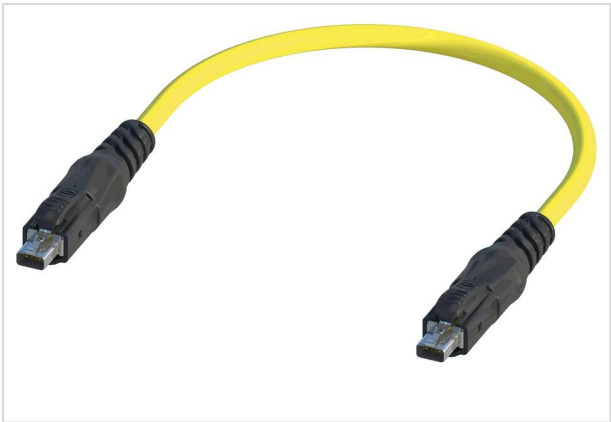


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 33 28 020 2001 200                                                                  |
| Specification      | T1 SPE IP20 1x2xAWG26/7 PUR 20m                                                     |
| HARTING eCatalogue | <a href="https://harting.com/33280202001200">https://harting.com/33280202001200</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    | 20 m           |
| Number of cores | 2              |
| Core structure  | 1x 2x AWG 26/7 |

## 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 |



**Pushing Performance**  
Since 1945

## 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                                                    |
| RoHS                                 | compliant                                                 |
| ELV status                           | compliant                                                 |
| China RoHS                           | e                                                         |
| REACH Annex XVII substances          | Not contained                                             |
| REACH ANNEX XIV substances           | Not contained                                             |
| REACH SVHC substances                | Yes                                                       |
| REACH SVHC substances                | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate |
| ECHA SCIP number                     | 69a540f5-7b39-4e74-832e-14618bec5629                      |
| California Proposition 65 substances | Yes                                                       |
| California Proposition 65 substances | Nickel                                                    |

## 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      |
| GTIN                           | 5713140246928 |



**Pushing Performance**  
Since 1945

Commercial data

|             |                                              |
|-------------|----------------------------------------------|
| eCl@ss      | 27060390 Ready-made data cable (unspecified) |
| ETIM        | EC002599                                     |
| UNSPSC 24.0 | 26121600                                     |