



Pushing Performance  
Since 1945

# MPP T1 SPE 1x2xAWG22/7 PUR 1,0m



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

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 33 28 282 8002 010                                                                  |
| Specification      | MPP T1 SPE 1x2xAWG22/7 PUR 1,0m                                                     |
| HARTING eCatalogue | <a href="https://harting.com/33282828002010">https://harting.com/33282828002010</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<br>Overmoulded |
| Connector 2              | HARTING Mini PushPull 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       | 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 |



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## 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 $U_{r.m.s.}$              | 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                                         |

## Commercial data

|                                |               |
|--------------------------------|---------------|
| Packaging size                 | 1             |
| Country of origin              | Latvia        |
| European customs tariff number | 85444290      |
| GTIN                           | 5713140345454 |



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|             |                    |
|-------------|--------------------|
| eCl@ss      | 27060307 Bus cable |
| UNSPSC 24.0 | 26121600           |