

## M12 T1 SPE 1x2xAWG22/7 PUR 0,5m

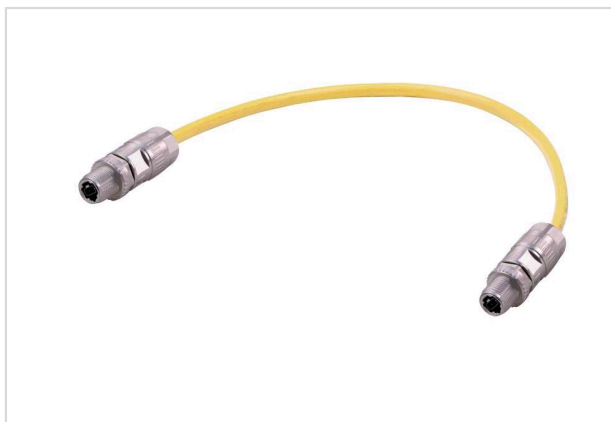


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Part number	33 28 141 4002 005
Specification	M12 T1 SPE 1x2xAWG22/7 PUR 0,5m
HARTING eCatalogue	<a href="https://b2b.harting.com/33281414002005">https://b2b.harting.com/33281414002005</a>

### Version

Cable length	0.5 m
Number of cores	2
Core structure	1x 2x AWG 22/7
Termination method	Crimp termination
Gender	Male
Shielding	Fully shielded, 360° shielding contact
Number of contacts	2
further contacts	+ shielding
Coding	Single Pair Ethernet (SPE)
Locking type	Screw locking

### Technical characteristics

Rated current	4 A
Rated voltage	60 V DC
Transmission characteristics	600 MHz Bandwidth
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Contact resistance	≤20 mΩ
Shielding resistance	≤100 mΩ
Limiting temperature	-40 ... +80 °C unmoved
	-25 ... +80 °C moved



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## Technical characteristics

Mating cycles	≥1,000
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Test voltage U <sub>DC</sub>	1 kV (contact-contact) 2.25 kV (contact-ground)

## Material properties

Material (hood/housing)	Zinc die-cast
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	Yes
California Proposition 65 substances	Lead Nickel

## 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) IEEE 802.3ch (2.5GBASE-T1 / 5GBASE-T1 / 10GBASE-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	5713140247086
eCl@ss	27060390 Ready-made data cable (unspecified)