

M12 T1 SPE 1x2xAWG22/7 PUR 20m

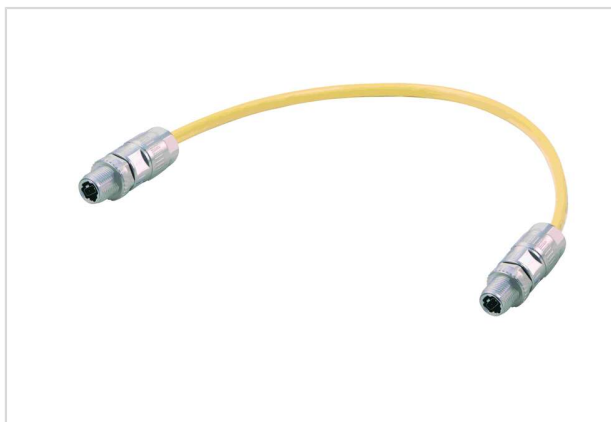


Image is for illustration purposes only. Please refer to product description.

Part number	33 28 141 4002 200
Specification	M12 T1 SPE 1x2xAWG22/7 PUR 20m
HARTING eCatalogue	https://b2b.harting.com/33281414002200

Identification

Category	System cabling
Series	HARTING T1 Industrial Circular connectors M12
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	M12 Single Pair Ethernet (SPE) Slim Design Straight
Connector 2	M12 Single Pair Ethernet (SPE) Slim Design Straight
Type of cable	Copper cable (round)
Description of the cable	Halogen-free Oil resistant Flame retardant

Version

Cable length	20 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



Pushing Performance
Since 1945

Version

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
Mating cycles	≥1,000
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Test voltage U _{DC}	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



Pushing Performance
 Since 1945

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

Commercial data

Packaging size	1
Net weight	866 g
Country of origin	Latvia
European customs tariff number	85444290
GTIN	5713140247161
ETIM	EC002599
eCl@ss	27060390 Ready-made data cable (unspecified)