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Product data sheet
33 28 020 8004 020
T1 IP20 -M8 T1 SPE 1x2xAWG24/7 Rail 2.0m

Pushing Performance
Since 1945

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

Part number	33 28 020 8004 020
Specification	T1 IP20 -M8 T1 SPE 1x2xAWG24/7 Rail 2.0m
HARTING eCatalogue	https://b2b.harting.com/33280208004020

Identification

Category	System cabling
Series	HARTING T1 Industrial
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	HARTING T1 Industrial Overmoulded
Connector 2	HARTING M8 T1 Industrial Overmoulded
Type of cable	Copper cable (round)
Description of the cable	Flame retardant Oil resistant Halogen-free

Version

Cable length	2 m
Number of cores	2
Core structure	1x 2x AWG 24/7
Number of contacts	2

Technical characteristics

Rated current	4 A
Rated voltage	60 V DC
Transmission characteristics	600 MHz Bandwidth

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Phone +49 5772 47-0 | info@HARTING.com | www.HARTING.com

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Technical characteristics

Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s
Limiting temperature	-40 ... +80 °C unmoved -25 ... +80 °C moved
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP20
Test voltage $U_{r.m.s.}$	1 kV (contact-contact) 2.25 kV (contact-ground)

Material properties

Material (cable)	XLPE
Colour (cable)	Black
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
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R15 (HL 1-3) R16 (HL 1-3)

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) EN 45545-2 Hazard Level HL1-HL3 EN 50305 clause 9.1.2 IEC 60332-1-2 IEC 60332-3-25 IEC 60332-3-22 Flame retardancy EN 60811-404 Oil resistance

Commercial data

Packaging size	1

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Commercial data

Country of origin	Latvia
European customs tariff number	85444290
GTIN	5713140564633
eCl@ss	27060307 Bus cable

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