

T1 Industrial Jack AH IP20



Part number	09 45 281 2800
Specification	T1 Industrial Jack AH IP20
HARTING eCatalogue	https://b2b.harting.com/09452812800

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

Identification

Category	Connectors
Series	HARTING T1 Industrial
Element	PCB connector

Version

Termination method	THR connection
Shielding	Fully shielded, 360° shielding contact
Number of contacts	2
further contacts	+ shielding
Pack contents	275 pieces on reel

Technical characteristics

Rated current	4 A
Rated voltage	60 V DC
Contact resistance	≤20 mΩ
Shielding resistance	≤100 mΩ
Limiting temperature	-40 +85 °C
Mating cycles	≥1,000
Degree of protection acc. to IEC 60529	IP20
Test voltage U _{DC}	1 kV (contact-contact) 2.25 kV (contact-ground)
Transmission characteristics	600 MHz Bandwidth

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Technical characteristics

Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s
Moisture Sensitivity Level (MSL)	1 acc. to ECA/IPC/JEDEC J-STD-020D
Process Sensitivity Level (PSL)	R0 acc. to ECA/IPC/JEDEC J-STD-020D

Material properties

RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

	IEC 63171-6
	IEEE 802.3bu (remote power supply over PoDL = Power over Data Line)
Specifications	IEEE 802.3cg (10BASE-T1)
	IEEE 802.3bw (100BASE-T1)
	IEEE 802.3bp (1000BASE-T1)

Commercial data

Packaging size	275
Net weight	4.8 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)