

## T1 Industrial Jack AH IP20

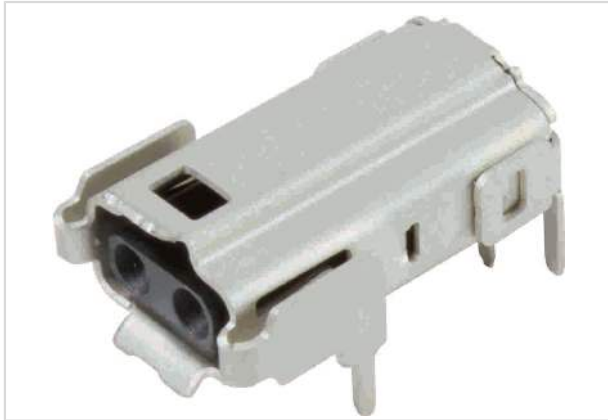


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Part number	09 45 281 2800
Specification	T1 Industrial Jack AH IP20
HARTING eCatalogue	<a href="https://b2b.harting.com/09452812800">https://b2b.harting.com/09452812800</a>

### 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
Additional 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 <sub>DC</sub>	1 kV (contact-contact) 2.25 kV (contact-ground)
Transmission characteristics	600 MHz Bandwidth



## 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

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)

## Commercial data

Packaging size	275
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440402 PCB connector