



Pushing Performance
Since 1945

preLink PCB jack THR



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

Part number	20 82 007 1100
Specification	preLink PCB jack THR
HARTING eCatalogue	https://harting.com/20820071100

Identification

Category	Connectors
Series	preLink®
Element	PCB jack
Specification	THR

Version

Termination method	preLink® IDC insulation displacement termination
Shielding	Shielded
Number of contacts	8
Details	Please order termination block separately
Details	This item requires additional a termination block. Please select these under “Matching Products”.

Technical characteristics

Conductor cross-section (mm²)	0.1 ... 0.12 mm² 0.22 ... 0.32 mm²
Conductor cross-section (AWG)	AWG 27 ... AWG 26 AWG 24 ... AWG 22
Transmission characteristics	Cat. 6A Class E _A up to 500 MHz
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Limiting temperature	-40 ... +85 °C



Pushing Performance
Since 1945

Technical characteristics

Mating cycles	≥50
Degree of protection acc. to IEC 60529	IP20
Cable diameter	5 ... 9.5 mm
Vibration resistance	5.72 m/s ² acc. to IEC 61373 Category 1 Class B
Shock resistance	5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

Material properties

Material (hood/housing)	Thermoplastic Copper-zinc alloy
Surface (hood/housing)	Nickel plated
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

Specifications and approvals

Specifications	EN 45545-2
Approvals	DNV GL
PROFINET	Yes

Commercial data

Packaging size	100
Net weight	8 g
Country of origin	Latvia
European customs tariff number	85366990
GTIN	5713140224179
eCl@ss	27440291 Connector component (parts)
ETIM	EC002943
UNSPSC 24.0	39121400

Recommended soldering profile (reflow)

In addition to adhering to the maximum values specified by the relevant MSL (Moisture Sensitivity Level) and PSL (Process Sensitivity Level) classifications, we recommend the following reflow temperature profile as a guideline. Please note that this profile is intended as a general recommendation only. The actual soldering profile must always be adapted to your specific application, the components used, and the type of soldering paste or alloy.

