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Since 1945

# preLink RJ45 plug, IP20 Cat.6A

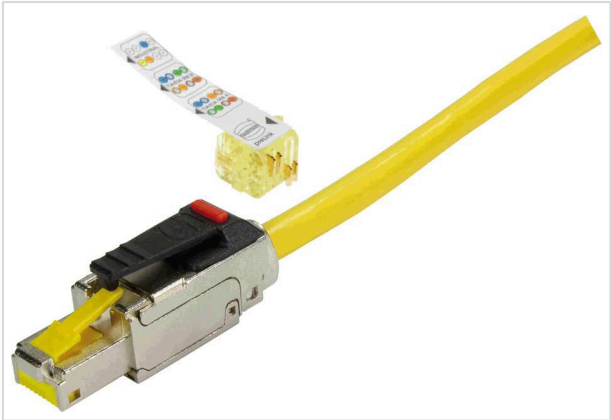


Image is for illustration purposes only. Please refer to product description.

Part number	20 82 101 0010
Specification	preLink RJ45 plug, IP20 Cat.6A
HARTING eCatalogue	<a href="https://harting.com/20821010010">https://harting.com/20821010010</a>

## Identification

Category	Connectors
Series	preLink®
Series of hoods/housings	RJ45
Element	Connector
Specification	RJ45

## Version

Termination method	preLink® IDC insulation displacement termination
Gender	Male
Shielding	Shielded
Number of contacts	8
Coding	RJ45
Details	This item requires additional a termination block. Please select these under “Matching Products”.

## Technical characteristics

Conductor cross-section	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. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz



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## Technical characteristics

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
Relative humidity	95 % Non-condensing (operation)
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP20
Cable diameter	5 ... 9 mm
Vibration resistance	5.72 m/s <sup>2</sup> 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 (insert)	Zinc die-cast, 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
California Proposition 65 substances	Not contained

## Specifications and approvals

Specifications	EN 45545-2
UL / CSA	UL 1863 DUXR2.E470046 CSA-C22.2 No. 182.4, No. 233-09 DUXR8.E470046
Approvals	DNV GL
PROFINET	Yes

## Commercial data

Packaging size	1
Net weight	22 g
Country of origin	Latvia
European customs tariff number	85366990



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Commercial data

GTIN	5713140135635
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408