



Pushing Performance  
Since 1945

# preLink RJ45 plug, IP20 Cat.6A L-0°

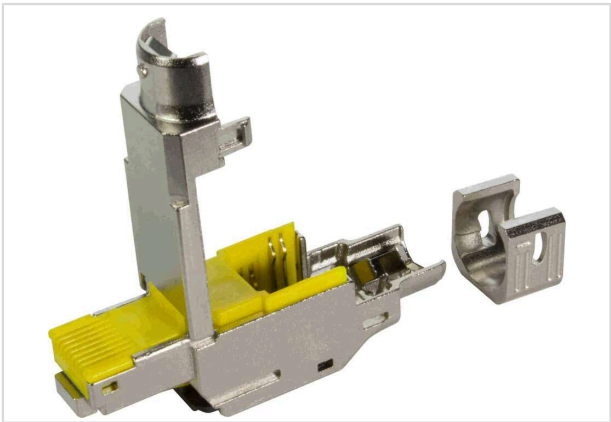


Image is for illustration purposes only. Please refer to product description.

Part number	20 82 101 0020
Specification	preLink RJ45 plug, IP20 Cat.6A L-0°
HARTING eCatalogue	<a href="https://harting.com/20821010020">https://harting.com/20821010020</a>

## Identification

Category	Connectors
Series	preLink®
Series of hoods/housings	RJ45
Element	Connector
Specification	RJ45 Straight
Features	Suitable for all PoE versions

## 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	10-500 Hz, 0.35 mm / 50 m/s², 2h/axis
	5.72 m/s² acc. to IEC 61373 Category 1 Class B
Shock resistance	50 g / 30 ms, 3 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

UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL
PROFINET	Yes

## Commercial data

Packaging size	1
Net weight	28.333 g
Country of origin	Latvia
European customs tariff number	85366990



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Commercial data

GTIN	5713140224209
ETIM	EC002636
eCl@ss	27440114 Rectangular connector (for field assembly)