Pushing Performance
Since 1945

preLink RJ45 plug, IP20 Cat.6A L-35°

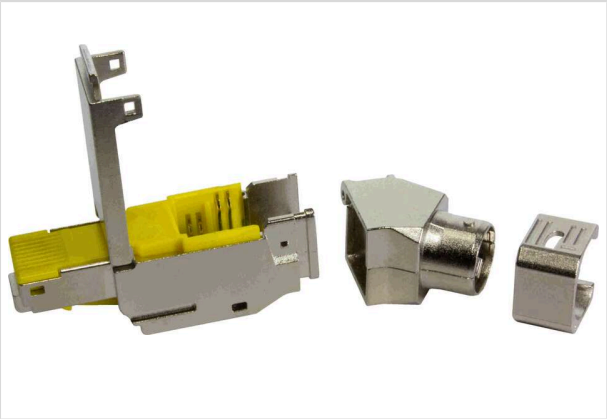


Image is for illustration purposes only. Please refer to product description.

Part number	20 82 101 0022
Specification	preLink RJ45 plug, IP20 Cat.6A L-35°
HARTING eCatalogue	https://harting.com/20821010022

Identification

Category	Connectors
Series	preLink® RJ45
Element	Connector
Specification	35° angled
Features	Suitable for all PoE versions

Version

Termination method	preLink® IDC insulation displacement termination
Gender	Male
Shielding	Shielded
Number of contacts	8
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. 6_A Class E_A up to 500 MHz

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

Downloaded from Arrow.com.

Pushing Performance
Since 1945

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	26.46 g
Country of origin	Latvia
European customs tariff number	85366990

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

Downloaded from Arrow.com.

Pushing Performance
Since 1945

Commercial data

GTIN	5713140224223
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

Downloaded from Arrow.com.