

# preLink M12-X cable jack 8-pole Cat.6A



Part number	20 82 006 2001
Specification	preLink M12-X cable jack 8-pole Cat.6A
HARTING eCatalogue	https://b2b.harting.com/20820062001

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

#### Identification

Category	Connectors
Series	preLink <sup>®</sup> Circular connectors M12
Identification	PushPull
Element	Cable connector Panel feed through
Specification	for rear mounting
Version	
Termination method	preLink <sup>®</sup> IDC insulation displacement termination
Gender	Female
Locking type	Screw locking PushPull
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Details	Please order terminal module separately
Details	For Ethernet applications up to 10 Gbit only

### **Technical characteristics**

Conductor cross-section	0.1 0.12 mm² 0.22 0.32 mm²
Conductor cross-section	AWG 27 AWG 26 AWG 24 AWG 22

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#### **Technical characteristics**

Limiting temperature	-40 +85 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	5 9.5 mm
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> 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
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 (hood/housing)	Zinc die-cast
Surface (hood/housing)	Nickel plated
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

# Specifications and approvals

Specifications	IEC 61076-2-109
Approvals	DNV GL
PROFINET	Yes
Commercial data	
Packaging size	1
Net weight	57 g
Country of origin	Latvia

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Commercial data

European customs tariff number

eCl@ss

85366990

27440102 Circular connector (for field assembly)

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