

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



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

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

Identification

Category	Connectors
Series	preLink® Circular connectors M12
Identification	PushPull
Element	Cable connector Panel feed through
Specification	for rear mounting

Version

Termination method	preLink® 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



Pushing Performance

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 _A 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
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)	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



Pushing Performance

Commercial data

European customs tariff number 85366990

eCl@ss 27440102 Circular connector (for field assembly)