

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 mm ² |
| | 0.22 ... 0.32 mm ² |
| 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)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[HARTING:](#)

[20820062001](#)