

# preLink Extender



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

|                    |   |
|--------------------|---|
| Part number        | 20 82 101 0001  |
| Specification      | preLink Extender  |
| HARTING eCatalogue | <a href="https://harting.com/20821010001">https://harting.com/20821010001</a> |

## Identification

|          |            |
|----------|------------|
| Category | Connectors |
| Series   | preLink®   |
| Element  | Extender   |

## Version

|                    |   |
|--------------------|---|
| Termination method | preLink® IDC insulation displacement termination  |
| Shielding          | Shielded  |
| 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. 6A 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                                  |
| Limiting temperature                   | -40 ... +85 °C                             |
| Mating cycles                          | ≥750                                       |
| Degree of protection acc. to IEC 60529 | IP20                                       |
| Cable diameter                         | 5 ... 9 mm                                 |



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## Technical characteristics

|                      |   |
|----------------------|---|
| 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     |
| ELV status                  | compliant     |
| China RoHS                  | e             |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances  | Not contained |
| REACH SVHC substances       | Not contained |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | EN 45545-2   |
| UL / CSA       | UL 1863 DUXR2.E470046<br>CSA-C22.2 No. 182.4, No. 233-09 DUXR8.E470046 |
| Approvals      | DNV GL   |
| PROFINET       | Yes  |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 40 g                                      |
| Country of origin              | Latvia                                    |
| European customs tariff number | 85366990                                  |
| GTIN                           | 5713140135628                             |
| eCl@ss                         | 27440190 Industry connector (unspecified) |
| ETIM                           | EC001264                                  |
| UNSPSC 24.0                    | 39121409                                  |