

## M12 PFT Slim Design Female, X coded



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

Part number	21 03 881 2825
Specification	M12 PFT Slim Design Female, X coded
HARTING eCatalogue	<a href="https://b2b.harting.com/21038812825">https://b2b.harting.com/21038812825</a>

### Identification

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

### Version

Termination method	Crimp termination
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Locking type	Screw locking PushPull
Details	Please order crimp contacts separately.
Details	For Ethernet applications up to 10 Gbit only

### Technical characteristics

Conductor cross-section	0.08 ... 0.25 mm <sup>2</sup>
Conductor cross-section	AWG 28 ... AWG 23
Wire outer diameter	≤1.4 mm
Rated current	0.5 A



Pushing Performance

## Technical characteristics

Rated voltage	48 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz
Overvoltage category	III
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut
Ambient temperature	-40 ... +85 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	5.7 ... 8.8 mm
Isolation group	I (600 ≤ CTI)

## Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (hood/housing)	Zinc die-cast
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	Yes
California Proposition 65 substances	Nickel Lead Naphthalene

## Specifications and approvals

Specifications	IEC 61076-2-109
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Pushing Performance

## Specifications and approvals

UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521
PROFINET	Yes

## Commercial data

Packaging size	1
Net weight	54.6 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)

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