

## M12 PFT Slim Design Female, X coded



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	Connector
Series	Circular connectors M12
Identification	M12 Slim Design
Element	Cable connector
Specification	Panel feed through Straight

### Version

Termination method	Crimp termination
Gender	Female
Locking type	Screw locking PushPull
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Details	Please order crimp contacts separately.

### Technical characteristics

Conductor cross-section	0.08 ... 0.26 mm <sup>2</sup>
Conductor cross-section	AWG 28 ... AWG 23
Wire outer diameter	≤1.4 mm
Rated current	0.5 A
Rated voltage	48 V
Rated impulse voltage	0.8 kV
Pollution degree	3



Pushing Performance

## Technical characteristics

Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 ... +85 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Cable diameter	5.7 ... 8.8 mm
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz
Overvoltage category	III
Isolation group	I (600 ≤ CTI)

## Material properties

Material (insert)	LCP
Material (hood/housing)	Zinc die-cast
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

## Specifications and approvals

Specifications	IEC 61076-2-109
UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521

## 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)