

## M12 SD PFT Male X cod 8 pol



Part number	21 03 881 1825
Specification	M12 SD PFT Male X cod 8 pol
HARTING eCatalogue	<a href="https://b2b.harting.com/21038811825">https://b2b.harting.com/21038811825</a>

### Identification

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

### Version

Termination method	Crimp termination
Gender	Male
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 ... 0.25 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	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C
Tightening torque	2 Nm Lock nut
Mating cycles	$\geq 500$
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 ( $600 \leq \text{CTI}$ )

## 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
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## Commercial data

Packaging size	1
Net weight	38.7 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)