

M12 SD PFT Male X cod 8 pol



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

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

Identification

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

Version

Termination method	Crimp termination
Gender	Male
Locking type	Screw locking
Shielding	Shielded
Number of contacts	8
Coding	X-coding
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 ²
Conductor cross-section	AWG 28 ... AWG 23
Wire outer diameter	≤1.4 mm
Rated current	0.5 A
Rated voltage	48 V



Pushing Performance

Technical characteristics

Rated impulse voltage	0.8 kV
Pollution degree	3
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	2 Nm Lock nut
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 _A Class E _A up to 500 MHz
Overvoltage category	III
Isolation group	I ($600 \leq \text{CTI}$)

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	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)