

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	https://b2b.harting.com/21038812825

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 ²
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 _A Class E _A 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 ⁸ 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
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Commercial data

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