Pushing Performance

PFT M12 IDC shielded D-cod. 4pol. female

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

Part number	21 03 381 2425
Specification	PFT M12 IDC shielded D-cod. 4pol. female
HARTING eCatalogue	https://b2b.harting.com/21033812425

Identification

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

Version

Termination method	HARAX® connection technology
Gender	Female
Locking type	Screw locking
Shielding	Shielded
Number of contacts	4
Coding	D-coding
Details	For Fast Ethernet applications only

Technical characteristics

Conductor cross-section	0.14 ... 0.34 mm²
Conductor cross-section	AWG 26 ... AWG 22
Wire outer diameter	≤2 mm
Rated current	4 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV

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Technical characteristics

Pollution degree	3
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III
Insulation resistance	$>10^8$ Ω
Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut
Ambient temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	4.5 ... 8.8 mm
Isolation group	I (600 ≤ CTI)
Thickness of the panel	2.5 ... 4.5 mm

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e

Specifications and approvals

Specifications	IEC 61076-2-101
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

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Commercial data

Packaging size	1
Net weight	51 g
Country of origin	Germany
European customs tariff number	85389099
eCl@ss	27440102 Circular connector (for field assembly)

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