



Pushing Performance
Since 1945

PFT Slim Design female D-coded



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

Part number	21 03 881 2425
Specification	PFT Slim Design female D-coded
HARTING eCatalogue	https://harting.com/21038812425

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	4
Coding	D-coding
Locking type	Screw locking PushPull
Details	Please order crimp contacts separately.
Details	For Fast Ethernet applications only

Technical characteristics

Conductor cross-section (mm²)	0.13 ... 0.82 mm²
Conductor cross-section (AWG)	AWG 26 ... AWG 18
Wire outer diameter	≤2.3 mm
Rated current	4 A



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Technical characteristics

Rated voltage	48 V AC
	60 V DC
Rated impulse voltage	1.5 kV
Pollution degree	3
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III
Data rate	10 Mbit/s
	100 Mbit/s
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	2 Nm Lock nut
Limiting 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 ($600 \leq \text{CTI}$)

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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-101
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Specifications and approvals

UL / CSA	UL 2238 CYJV2.E302521 CSA-C22.2 No. 182.3 CYJV8.E302521
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	5.4 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140225930
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413