

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



Part number	21 03 381 1425
Specification	PFT M12 IDC shielded D-cod. 4pol. male
HARTING eCatalogue	https://b2b.harting.com/21033811425

Identification

Category	Connector
Series	Circular connectors M12
Identification	M12-L
Element	Cable connector
Specification	Panel feed through

Version

Termination method	HARAX [®] connection technology
Gender	Male
Locking type	Screw locking
Shielding	Shielded
Number of contacts	4
Coding	D-coding

Technical characteristics

Conductor cross-section	0.14 ... 0.34 mm ²
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
Pollution degree	3
Insulation resistance	≥10 ⁸ Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 ... +85 °C -5 ... +50 °C During connection
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 when mated IP67 when mated



Pushing Performance

Technical characteristics

Cable diameter	4.5 ... 8.8 mm
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III
Isolation group	I ($600 \leq CTI$)
Thickness of the panel	2.5 ... 4.5 mm

Material properties

Material (insert)	Polyamide
Material (contacts)	Brass
Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6c: 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

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
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Commercial data

Packaging size	1
Net weight	54.5 g
Country of origin	Germany
Customs tariff number	85389099