Pushing Performance
Since 1945

M12 PFT male 4-pole D-coded M16x1.5



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

Part number	21 03 371 1405
Specification	M12 PFT male 4-pole D-coded M16x1.5
HARTING eCatalogue	https://b2b.harting.com/21033711405

Identification

Category	Connectors
Series	Circular connectors M12
Element	Panel feed through
Specification	With conductors for front mounting

Version

Gender	Male
Shielding	Unshielded
Number of contacts	4
Coding	D-coding
Locking type	Screw locking

Technical characteristics

Conductor cross-section	0.5 mm²
Conductor cross-section	AWG 20
Rated current	4 A
Rated voltage	250 V
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

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Technical characteristics

Insulation resistance	$>10^8$ Ω
Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut
Limiting temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67 mated condition
Isolation group	I (600 ≤ CTI)
Thickness of the panel	1 ... 4 mm
Conductor length	50 cm

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Au over Ni Mating side
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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-101
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	28.6 g
Country of origin	Germany
European customs tariff number	85389099
GTIN	5713140138025
eCl@ss	27440103 Sensor-actuator connector chassis (sensor technology acc.)

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