

M12 PFT D-coded female straight 0,5m



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

Part number	21 03 375 2400
Specification	M12 PFT D-coded female straight 0,5m
HARTING eCatalogue	https://b2b.harting.com/21033752400

Identification

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

Version

Gender	Female
Shielding	Unshielded
Number of contacts	4
Coding	D-coding
Locking type	Screw locking
Details	Without lock nut

Technical characteristics

Conductor cross-section	0.34 mm ²
Conductor cross-section	AWG 22
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



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Technical characteristics

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	-30 ... +80 °C
Mating cycles	≥ 100
Degree of protection acc. to IEC 60529	IP67 mated condition
Isolation group	I ($600 \leq \text{CTI}$)
Thickness of the panel	2 ... 5 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
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	Not contained

Specifications and approvals

Specifications	IEC 61076-2-101
Approvals	CE

Commercial data

Packaging size	1
Net weight	28 g
Country of origin	Czechia
European customs tariff number	85444290



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Commercial data

GTIN	5713140138087
eCl@ss	27440103 Sensor-actuator connector chassis (sensor technology actuator)