

## PFT M12 shielded Harax B-cod.Female



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

Part number	21 03 341 2425
Specification	PFT M12 shielded Harax B-cod.Female
HARTING eCatalogue	<a href="https://b2b.harting.com/21033412425">https://b2b.harting.com/21033412425</a>

### 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	2
Coding	B-coding

### Technical characteristics

Conductor cross-section	0.25 ... 0.34 mm <sup>2</sup>
Conductor cross-section	AWG 24 ... AWG 22
Wire outer diameter	≤2.6 mm
Rated current	4 A
Rated voltage	32 V
Rated impulse voltage	1.5 kV
Pollution degree	3



Pushing Performance

## Technical characteristics

Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	2 Nm Lock nut
Ambient temperature	-40 ... +85 °C
Mating cycles	$\geq 100$
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Cable diameter	7 ... 8.8 mm
Overvoltage category	III
Isolation group	I ( $600 \leq \text{CTI}$ )
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

## Specifications and approvals

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

## Commercial data

Packaging size	1
Net weight	48.33 g
Country of origin	Germany



Pushing Performance

## Commercial data

European customs tariff number 85389099

eCl@ss 27440102 Circular connector (for field assembly)