

# M12 SD PFT Male A cod 8 pol



Part number	21 03 821 1825
Specification	M12 SD PFT Male A cod 8 pol
HARTING eCatalogue	https://b2b.harting.com/21038211825

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

## Identification

Category	Connectors
Series	Circular connectors M12
Identification	Slim Design
Element	Cable connector
	Panel feed through
Specification	for rear mounting
Version	
Termination method	Crimp termination
Termination method Gender	Crimp termination Male
Gender	Male
Gender Shielding	Male Shielded
Gender Shielding Number of contacts	Male Shielded 8
Gender Shielding Number of contacts Coding	Male Shielded 8 A-coding

# **Technical characteristics**

Conductor cross-section	0.13 0.33 mm²
Conductor cross-section	AWG 26 AWG 22
Wire outer diameter	≤1.65 mm
Rated current	2 A
Rated voltage	30 V AC 30 V DC
Rated impulse voltage	0.8 kV

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#### Technical characteristics

Pollution degree	3
Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
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 ≤ 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	Yes
REACH SVHC substances	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead
ECHA SCIP number	be45dcda-0f90-459a-a8bc-78fb7986a295
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 61076-2-101
	IEC 61076-2-010

# Commercial data

Packaging size	1
Net weight	38.7 g
Country of origin	Romania

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#### Commercial data

European customs tariff number85366990GTIN5713140225657eCl@ss27440116 Circular connector (for field assembly)

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