

M12 SD PFT Male A cod 8 pol



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

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

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
Gender	Male
Shielding	Shielded
Number of contacts	8
Coding	A-coding
Locking type	Screw locking
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section	0.13 ... 0.33 mm ²
Conductor cross-section [AWG]	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



Pushing Performance
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Technical characteristics

Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
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 ($600 \leq \text{CTI}$)

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	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	no requirements (flammable mass < 10g)

Specifications and approvals

Specifications	IEC 61076-2-101 IEC 61076-2-010
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Commercial data

Packaging size	1
Net weight	49 g
Country of origin	Romania
European customs tariff number	85366990



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GTIN	5713140225657
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413