Pushing Performance

M12-Female PFT 8 pole A-coded



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

Part number	21 03 311 2801
Specification	M12-Female PFT 8 pole A-coded
HARTING eCatalogue	https://b2b.harting.com/21033112801

Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Locking type	Screw locking
Shielding	Shielded
Number of contacts	8
Coding	A-coding

Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8$ Ω
Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut
Ambient temperature	-40 ... +85 °C

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Technical characteristics

Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
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

Commercial data

Packaging size	1
Net weight	15.7 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)

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