

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
Shielding	Shielded
Number of contacts	8
Coding	A-coding
Locking type	Screw locking

Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Tightening torque	2 Nm Lock nut
Limiting temperature	-40 ... +85 °C



Pushing Performance
 Since 1945

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)	Au over Ni Mating side
Material (hood/housing)	Zinc die-cast
Material flammability class acc. to UL 94	V-0
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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	IEC 61076-2-101
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Commercial data

Packaging size	1
Net weight	15.7 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140137608
eCl@ss	27460201 PCB connector (board connector)