

M12 Panel feed-through M M16x1.5 5-pin



Part number	21 03 311 1501
Specification	M12 Panel feed-through M M16x1.5 5-pin
HARTING eCatalogue	https://b2b.harting.com/21033111501

Identification

Category	Connectors
Series	Circular connectors M12
Element	Panel feed through
Specification	With conductors for front mounting

Version

Gender	Male
Locking type	Screw locking
Shielding	Unshielded
Number of contacts	5
Coding	A-coding
Pack contents	incl. lock nut

Technical characteristics

Conductor cross-section	0.5 mm ²
Conductor cross-section	AWG 20
Rated current	4 A
Rated voltage	60 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	>10 ⁸ Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 ... +85 °C



Pushing Performance

Technical characteristics

Tightening torque	2 Nm Lock nut
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67 when mated
Overvoltage category	III
Isolation group	I ($600 \leq CTI$)
Conductor length	50 cm

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	35.4 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440103 Sensor-actuator connector chassis (sensor technology acc.)