

M12 PANEL FEED-THROUGH-F A-KOD. 500mm



	Part number	21 03 311 2501
	Specification	M12 PANEL FEED-THROUGH-F A- KOD. 500mm
	HARTING eCatalogue	https://b2b.harting.com/21033112501

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

Identification

Overvoltage category

Category	Connectors	
Series	Circular connectors M12	
Element	Panel feed through	
Specification	With conductors for front mounting	
Version		
Gender	Female	
Shielding	Unshielded	
Number of contacts	5	
Coding	A-coding	
Locking type	Screw locking	
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 >10⁸ Ω Page 1 / 3 | Creation date 2021-10-01 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

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Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut
Ambient temperature	-40 +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67 mated condition
Isolation group	l (600 ≤ CTI)
Conductor length	50 cm

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Au over Ni Mating side
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
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead Naphthalene

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	34 g	

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Commercial data

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

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