

# 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

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 <sup>2</sup>			
Conductor cross-section	AWG 20			
Rated current	4 A			
Rated voltage	60 V			
Rated impulse voltage	1.5 kV			
Dellestiese de sure e				

 Pollution degree
 3

 Overvoltage category
 III

 Insulation resistance
 >10<sup>8</sup> Ω

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## Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	2 Nm Lock nut
Limiting temperature	-40 +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67 mated condition
Isolation group	I (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	Not contained
REACH ANNEX XIV substances	Not contained
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	Lead Nickel Naphthalene
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 61076-2-101
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
	CSA-C22.2 NO. 162.3 ECD16.E102079

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### Commercial data

Packaging size	1
Net weight	32 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140137592
eCl@ss	27440103 Sensor-actuator connector chassis (sensor technology acc.)

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