



Pushing Performance  
Since 1945

# M8-Screw-3P-F-STR-SHLD



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

Part number	21 02 369 2301
Specification	M8-Screw-3P-F-STR-SHLD
HARTING eCatalogue	<a href="https://harting.com/21023692301">https://harting.com/21023692301</a>

## Identification

Category	Connectors
Series	Circular connectors M8
Element	Cable connector
Specification	Straight

## Version

Termination method	Screw termination
Gender	Female
Shielding	Shielded
Number of contacts	3
Coding	A-coding
Locking type	Screw locking

## Technical characteristics

Conductor cross-section	0.09 ... 0.5 mm <sup>2</sup>
Conductor cross-section [AWG]	AWG 28 ... AWG 20
Rated current	4 A
Rated voltage	60 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ



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## Technical characteristics

Tightening torque	0.4 Nm
Wrench size (knurled screw / knurled nut)	13
Limiting temperature	-30 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP67 locked condition
Cable diameter	4 ... 5.5 mm
Isolation group	I (600 ≤ CTI)

## Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Copper-zinc alloy
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
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 61076-2-104
UL / CSA	UL 2238 CYJV.E302521 CSA-C22.2 No. 182.3 CYJV7.E302521

## Commercial data

Packaging size	1
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Commercial data

Net weight	0.01 g
Country of origin	Slovakia
European customs tariff number	85366990
GTIN	5713140224865
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413