

M-module



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

Part number	02 54 901 0402
Specification	M-module
HARTING eCatalogue	https://harting.com/02549010402

Identification

Category	Connectors
Series	har-modular®
Identification	M1 module
Element	Cable connector
Specification	Female connector
Description of the contact	Straight

Version

Width of the module	10.16 mm
Connection type	PCB to cable
Number of contacts	1
Details	Please order contacts separately.

Technical characteristics

Clearance distance	4 mm in the module
	2 mm to module edge
	3 mm to touchable surface
Creepage distance	4 mm in the module
	2 mm to module edge
	3.2 mm to touchable surface
Insulation resistance	$>10^{11} \Omega$
Limiting temperature	-55 ... +125 °C
Mating cycles	≥ 500
Degree of protection acc. to IEC 60529	IP20



Pushing Performance
Since 1945

Technical characteristics

Test voltage $U_{r.m.s.}$	2.5 kV (contact-contact)
	2.5 kV (Contact - accessible surfaces of cable connector) acc. to IEC 61984
Isolation group	I ($600 \leq CTI$)
Hot plugging	No

Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained

Specifications and approvals

Railway classification	F1/I2 acc. to NFF 16-101/102
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Commercial data

Packaging size	40
Net weight	2.72 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140427471
eCl@ss	27460201 PCB connector (board connector)

Mating conditions



To ensure reliable connections and prevent unnecessary damage, please refer to the application data diagrams. These recommendations are set out in IEC 60603-2.

The connectors should not be coupled and decoupled under electrical load.