Pushing Performance
Since 1945

M8 PCB Adapter 4pol Dcod. female

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

Part number	21 02 381 2431
Specification	M8 PCB Adapter 4pol Dcod. female
HARTING eCatalogue	https://b2b.harting.com/21023812431

Identification

Category	Connectors
Series	Circular connectors M8
Element	PCB connector
Specification	Straight for front mounting

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Shielding	Shielded
Number of contacts	4
Coding	D-coding
Pack contents	incl. housing

Technical characteristics

Rated current	4 A
Rated voltage	60 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III
Data rate	10 Mbit/s 100 Mbit/s
Insulation resistance	$>10^8$ Ω

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Technical characteristics

Contact resistance	≤10 mΩ
Tightening torque	1 Nm Lock nut
Limiting temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Isolation group	I (600 ≤ CTI)

Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
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 61076-2-114

Commercial data

Packaging size	1
Net weight	14 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)

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