Pushing Performance
Since 1945

M8-CC-IDC-4P-PCOD-F-STR-SHLD



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

Part number	21 02 145 2405
Specification	M8-CC-IDC-4P-PCOD-F-STR-SHLD
HARTING eCatalogue	https://b2b.harting.com/21021452405

Identification

Category	Connectors
Series	Circular connectors M8
Element	Cable connector
Specification	Straight

Version

Termination method	HARAX® connection technology
Gender	Female
Shielding	Shielded
Number of contacts	4
Coding	P-coding
Locking type	Screw locking

Technical characteristics

Conductor cross-section	AWG 22
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

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Technical characteristics

Insulation resistance	$>10^8$ Ω
Contact resistance	≤10 mΩ
Tightening torque	0.4 Nm
Wrench size (knurled screw / knurled nut)	13
Limiting temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 locked condition
Cable diameter	6.2 ... 6.8 mm
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Polyamide (PA) 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
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

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Commercial data

Net weight	41.48 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)

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