

# M8-CC-IDC-4P-PCOD-M-STR-SHLD



Part number	21 02 145 1405
Specification	M8-CC-IDC-4P-PCOD-M-STR-SHLD
HARTING eCatalogue	https://b2b.harting.com/21021451405

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

#### Identification

Category	Connectors
Series	Circular connectors M8
Element	Cable connector
Specification	Straight

## Version

Termination method	HARAX <sup>®</sup> connection technology
Gender	Male
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

Page 1 / 3 | Creation date 2021-12-11 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 21 02 145 1405 M8-CC-IDC-4P-PCOD-M-STR-SHLD



#### Technical characteristics

Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Tightening torque	0.4 Nm
Wrench size (knurled screw / knurled nut)	13
Ambient 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
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RoHS exemptions ELV status	6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption
RoHS exemptions ELV status China RoHS	6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption 50
RoHS exemptions ELV status China RoHS REACH Annex XVII substances	6(c): Copper alloy containing up to 4 % lead by weight   compliant with exemption   50   No
RoHS exemptions ELV status China RoHS REACH Annex XVII substances REACH ANNEX XIV substances	6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption 50 No No
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RoHS exemptionsELV statusChina RoHSREACH Annex XVII substancesREACH ANNEX XIV substancesREACH SVHC substancesREACH SVHC substances	6(c): Copper alloy containing up to 4 % lead by weight   compliant with exemption   50   No   No   Yes   Lead
RoHS exemptionsELV statusChina RoHSREACH Annex XVII substancesREACH ANNEX XIV substancesREACH SVHC substancesREACH SVHC substancesCalifornia Proposition 65 substances	6(c): Copper alloy containing up to 4 % lead by weight   compliant with exemption   50   No   No   Yes   Lead   Yes
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Page 2 / 3 | Creation date 2021-12-11 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

38 g

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Net weight

Country of origin

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Commercial data

European customs tariff number

eCl@ss

85366990

27440102 Circular connector (for field assembly)

Page 3 / 3 | Creation date 2021-12-11 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com