

# M8-PP-CC-IDC-4P-DCOD-M-STR-SHLD



Part number	21 02 185 1430
Specification	M8-PP-CC-IDC-4P-DCOD-M-STR-SHLD
HARTING eCatalogue	https://b2b.harting.com/21021851430

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	D-coding
Locking type	PushPull

## **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 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
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
Material (hood/housing) RoHS	
	Zinc die-cast
RoHS	Zinc die-cast compliant with exemption
RoHS RoHS exemptions	Zinc die-cast compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight
RoHS RoHS exemptions ELV status	Zinc die-cast compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption
RoHS RoHS exemptions ELV status China RoHS	Zinc die-cast compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption 50
RoHS RoHS exemptions ELV status China RoHS REACH Annex XVII substances	Zinc die-cast compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption 50 No
RoHS RoHS exemptions ELV status China RoHS REACH Annex XVII substances REACH ANNEX XIV substances	Zinc die-cast compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption 50 No No
RoHS RoHS exemptions ELV status China RoHS REACH Annex XVII substances REACH ANNEX XIV substances REACH SVHC substances	Zinc die-cast compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption 50 No No Yes
RoHS RoHS exemptions ELV status China RoHS REACH Annex XVII substances REACH SVHC substances REACH SVHC substances	Zinc die-cast compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption 50 No No Yes Lead
RoHSRoHS exemptionsELV statusChina RoHSREACH Annex XVII substancesREACH ANNEX XIV substancesREACH SVHC substancesREACH SVHC substancesCalifornia Proposition 65 substances	Zinc die-cast compliant with exemption 6(c): Copper alloy containing up to 4 % lead by weight compliant with exemption 50 No No No Yes Lead

Specifications	IEC 61076-2-114
Commercial data	
Packaging size	1
Net weight	49.6 g
Country of origin	Germany
European customs tariff number	85366990

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Commercial data

eCl@ss

27440102 Circular connector (for field assembly)

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