



Pushing Performance  
Since 1945

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



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

Part number	21 02 145 1430
Specification	M8-PP-CC-IDC-4P-PCOD-M-STR-SHLD
HARTING eCatalogue	<a href="https://harting.com/21021451430">https://harting.com/21021451430</a>

## 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	PushPull

## Technical characteristics

Conductor cross-section [AWG]	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



**Pushing Performance**  
Since 1945

## Technical characteristics

Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Wrench size (knurled screw / knurled nut)	13
Limiting temperature	-40 ... +85 °C
Mating cycles	$\geq 100$
Degree of protection acc. to IEC 60529	IP65 / IP67 locked condition
Cable diameter	6.2 ... 6.8 mm
Isolation group	I ( $600 \leq \text{CTI}$ )

## 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
ECHA SCIP number	ecef7555-f643-4ceb-a337-fc54762297f1
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 61076-2-114
----------------	-----------------

## Commercial data

Packaging size	1
----------------	---



**Pushing Performance**  
Since 1945

Commercial data

Net weight	49 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140224803
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413