

# M12-S-PPI-CC-IDC-3P-ACOD-F-STR



Part number	21 03 111 2315
Specification	M12-S-PPI-CC-IDC-3P-ACOD-F-STR
HARTING eCatalogue	https://b2b.harting.com/21031112315

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

## Identification

Category	Connectors
Series	Circular connectors M12
Identification	PushPull
Element	Cable connector
Specification	Straight

### Version

Termination method	HARAX <sup>®</sup> connection technology
Gender	Female
Shielding	Unshielded
Coding	A-coding
Locking type	Outer PushPull

### **Technical characteristics**

Conductor cross-section	0.14 0.34 mm²
Conductor cross-section	AWG 26 AWG 22
Wire outer diameter	≤1.6 mm
Rated voltage	48 V AC 60 V DC
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω

Page 1 / 2 | Creation date 2023-09-08 | 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



## Technical characteristics

Contact resistance	≤10 mΩ
Limiting temperature	-40 +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	2.9 5.1 mm
Isolation group	l (600 ≤ CTI)

# Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side
Material (hood/housing)	Zinc die-cast
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained

## Specifications and approvals

Specifications	IEC 61076-2-101
	IEC 61076-2-010

# Commercial data

Packaging size	1
Net weight	10 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140226746
ETIM	EC002635
eCl@ss	27440116 Circular connector (for field assembly)

Page 2 / 2 | Creation date 2023-09-08 | 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