



Pushing Performance  
Since 1945

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



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

Part number	21 03 111 2315
Specification	M12-S-PPI-CC-IDC-3P-ACOD-F-STR
HARTING eCatalogue	<a href="https://harting.com/21031112315">https://harting.com/21031112315</a>

## 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 mm <sup>2</sup>
Conductor cross-section [AWG]	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



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## 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	I (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
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## Commercial data

Packaging size	1
Net weight	10 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140226746
eCl@ss	27440116 Circular connector (for field assembly)
ETIM	EC002635
UNSPSC 24.0	39121413