

## MPP-CC-IDC-ix-10p-M-P-STR B-cod AWG28-26



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

Part number	09 51 121 0002
Specification	MPP-CC-IDC-ix-10p-M-P-STR B-cod AWG28-26
HARTING eCatalogue	<a href="https://b2b.harting.com/09511210002">https://b2b.harting.com/09511210002</a>

### Identification

Category	Connectors
Series	HARTING Mini PushPull
Identification	ix Industrial®
Element	Connector sets
Features	Suitable for all PoE versions

### Version

Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	10
Coding	Type B
Locking type	PushPull
Pack contents	incl. housing, HARTING ix Industrial®-connector type B, shielding and cable gland

### Technical characteristics

Conductor cross-section	0.09 ... 0.14 mm <sup>2</sup>
Conductor cross-section	AWG 28 ... AWG 26
Wire outer diameter	≤1.15 mm
Rated current	1.5 A
Rated current	3 A when used with 4 contacts (1,2,6,7)
Rated voltage	50 V AC 60 V DC
Insulation resistance	>500 MΩ



**Pushing Performance**  
 Since 1945

## Technical characteristics

Contact resistance	≤30 mΩ
Shielding resistance	≤100 mΩ
Limiting temperature	-40 ... +70 °C
Storage temperature	-60 ... +85 °C
Relative humidity	95 % Non-condensing (operation) 95 % Non-condensing (storage/transport)
Insertion force	≤25 N
Withdrawal force	≤25 N
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 / IP67
Cable diameter	4.5 ... 7.5 mm
Test voltage $U_{r.m.s.}$	0.5 kV

## Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material (contacts)	Copper alloy
Material (hood/housing)	Polybutylene terephthalate (PBT) / PA66
Colour (hood/housing)	Black
Material (seal)	HNBR / NBR
Colour (seal)	Black
Material (locking)	Polybutylene terephthalate (PBT)
Colour (locking)	Yellow
Material flammability class acc. to UL 94	V-0
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	Yes
California Proposition 65 substances	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)



**Pushing Performance**  
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## Material properties

Requirement set with Hazard Levels R26

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## Specifications and approvals

Specifications	IEC 61076-3-124 Type B
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## Commercial data

Packaging size	1
Net weight	9.86 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140223394
eCl@ss	27440114 Rectangular connector (for field assembly)

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