IB IL 24 PSDI 8-PLSET/CP/R - Connector set

2700720

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Connector set, consisting of four Inline plugs with integrated discharge electronics



Product description

Plug set, consisting of four Inline plugs with integrated discharge electronics.
It optimizes the diagnostic options and fault detection of your safety application in the case of operating external cable capacitances or capacitive sensors at PSDI inputs.

Your advantages

- A total of up to 500 m of cable can be connected

Commercial data

Item number	2700720
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN03
Product key	DNA42Z
GTIN	4046356651493
Weight per piece (including packing)	121.8 g
Weight per piece (excluding packing)	121.8 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Connector set
Application	Inline terminals
	Functional safety

Connection data

Inline connector

Connection method	Spring-cage connection
Conductor cross-section, rigid	0.2 mm² ... 1.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 1.5 mm²
Conductor cross-section AWG	24 ... 16

Dimensions

Width	12.2 mm
Height	138 mm
Depth	34 mm
Note on dimensions	for each connector

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Air pressure (operation)	80 kPa ... 108 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (up to 3500 m above sea level)
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	10 % ... 85 % (Take suitable measures against increased air humidity within the permitted temperature range.)
Permissible humidity (storage/transport)	10 % ... 85 % (Take suitable measures against increased air humidity within the permitted temperature range.)

Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

Classifications

ECLASS

ECLASS-13.0	27242692
ECLASS-15.0	27242692

ETIM

ETIM 10.0	EC002584

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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