Pushing Performance
Since 1945

PP-V14-CC-IDC-RJ45-8P-P-M-ANG-BOT-SHLD



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

Part number	09 35 220 0402
Specification	PP-V14-CC-IDC-RJ45-8P-P-M-ANG-BOT-SHLD
HARTING eCatalogue	https://b2b.harting.com/09352200402

Identification

Category	Connectors
Series	Han® PushPull (V14)
Element	Connector
Specification	AIDA compliant PROFINET Multi Feature RJ45 Angled bottom
Features	Suitable for all PoE versions

Version

Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Coding	RJ45

Technical characteristics

Conductor cross-section	0.12 ... 0.32 mm² Stranded 0.12 ... 0.32 mm² Solid
Conductor cross-section	AWG 26/7 ... AWG 22/7 Stranded AWG 24/1 ... AWG 22/1 Solid
Wire outer diameter	0.8 ... 1.6 mm
Transmission characteristics	Cat. 6_A Class E_A up to 500 MHz

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Technical characteristics

Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Limiting temperature	-40 ... +85 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	6.5 ... 9.5 mm
Vibration resistance	10-500 Hz, 0.35 mm / 50 m/s², 2h/axis 5.72 m/s² acc. to IEC 61373 Category 1 Class B
Shock resistance	50 g / 30 ms, 3 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

Material properties

Surface (contacts)	Au over Ni Mating side Sn over Ni Termination side
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Nickel plated
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	Not contained

Specifications and approvals

Specifications	IEC 60603-7 Mating face ISO/IEC 11801 EN 50173-1 IEC 61076-3-117 Variant 14
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL

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Specifications and approvals

PROFINET	Yes

Commercial data

Packaging size	1
Net weight	93.75 g
Country of origin	Latvia
European customs tariff number	85366990
GTIN	5713140224285
ETIM	EC002636
eCl@ss	27440114 Rectangular connector (for field assembly)

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