



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://harting.com/09352200402

Identification

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

Version

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

Technical characteristics

Conductor cross-section	0.12 ... 0.32 mm ² Stranded 0.12 ... 0.32 mm ² Solid
Conductor cross-section [AWG]	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. 6A 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
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408