



Pushing Performance
Since 1945

Han PP V14 RJ45 plug PN metal 5-8mm

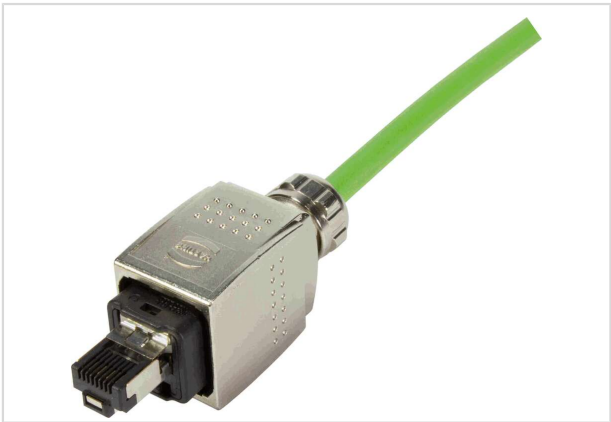


Image is for illustration purposes only. Please refer to product description.

Part number	09 35 222 0401
Specification	Han PP V14 RJ45 plug PN metal 5-8mm
HARTING eCatalogue	https://harting.com/09352220401

Identification

Category	Connectors
Series	Han® PushPull (V14) RJ45
Element	Connector sets
Specification	AIDA compliant PROFINET-Identification: PROFINET O-Plug RJ45
Features	Intuitive locking mechanism Suitable for all PoE versions

Version

Termination method	IDC insulation displacement termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	4
Locking type	PushPull
Details	When installing a PROFINET system, observe the PROFINET installation guideline.
Pack contents	incl. housing and male insert

Technical characteristics

Conductor cross-section	0.22 ... 0.32 mm² Stranded 0.26 ... 0.32 mm² Solid
Conductor cross-section [AWG]	AWG 27/7 ... AWG 22/7 Stranded AWG 27/1 ... AWG 22/1 Solid
Wire outer diameter	≤1.6 mm
Rated current	1.75 A



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Technical characteristics

Rated voltage	50 V
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Limiting temperature	-40 ... +70 °C
Storage temperature	+5 ... +50 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	5 ... 8 mm

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 (O-ring)	NBR
Material (cable seal)	TPE
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
ECHA SCIP number	d361ed36-dee0-4df8-9f2e-b62dd7563c1a
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14) IEC 60603-7 Mating face EN 45545-2
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Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL
PROFINET	Yes

Commercial data

Packaging size	10
Net weight	91.71 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140223912
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408