

Han PP Signal 10-pole plug set, metal



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

Part number	09 35 261 0401
Specification	Han PP Signal 10-pole plug set, metal
HARTING eCatalogue	https://harting.com/09352610401

Identification

Category	Connectors
Series	Han® PushPull (V14)
Identification	Signal
Element	Connector sets
Specification	AIDA compliant
Features	Intuitive locking mechanism

Version

Termination method	Crimp termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	10
Locking type	PushPull
Details	When installing a PROFINET system, observe the PROFINET installation guideline.
Pack contents	incl. metal housing and female insert

Technical characteristics

Conductor cross-section	0.13 ... 0.82 mm²
Conductor cross-section [AWG]	AWG 26 ... AWG 18
Wire outer diameter	≤2.1 mm
Contact spacing (termination side)	2.4 mm 3 mm
Contact spacing (mating side)	2.4 mm 3 mm



Pushing Performance
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Technical characteristics

Rated current	5 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Clearance distance	≥1.1 mm
Creepage distance	≥1.1 mm
Insulation resistance	>10 ⁹ Ω
Contact resistance	≤10 mΩ
Limiting temperature	-40 ... +85 °C
Storage temperature	+5 ... +50 °C
Insertion force	50 N
Withdrawal force	50 N
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	4 ... 11 mm
Test voltage U _{r.m.s.}	1.5 kV (contact-contact) 1.5 kV (contact-ground)
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 10 sweep cycles acc. to IEC 61373 Category 1 Class B
Shock resistance	50 g / 11 ms, 10 shocks / axis and direction

Material properties

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



Pushing Performance
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Material properties

REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14)
	IEC 61076-3-119 Mating face
	EN 45545-2
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	70 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140054462
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408