

## Han Gigabit insert male, (shield-GND)



Part number	09 14 008 3012
Specification	Han Gigabit insert male, (shield-GND)
HARTING eCatalogue	<a href="https://b2b.harting.com/09140083012">https://b2b.harting.com/09140083012</a>
Features	Suitable for PoE++

### Identification

Category	Inserts
Specification	Han <sup>®</sup> Gigabit insert

### Version

Termination method	Crimp termination
Gender	Male
Number of contacts	8
Additional contacts	+ shielding
Details	With additional shield connection to the hinged frame Please order crimp contacts separately. Please order adapter module separately.

### Technical characteristics

Conductor cross-section	0.09 ... 0.52 mm <sup>2</sup>
Rated current	5 A
Rated voltage	50 V
Rated voltage	50 V AC 60 V DC
Rated impulse voltage	0.8 kV
Pollution degree	3
Rated voltage acc. to UL	30 V
Contact resistance, shielding	≤100 mΩ
Limiting temperature	-40 ... +85 °C
Mating cycles	≥500
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz



Pushing Performance

## Technical characteristics

Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	10 Gbit/s

## Material properties

Material (insert)	Polycarbonate
Colour (insert)	RAL 7032 (pebble grey)
Material (shielding)	Zinc die-cast, nickel-plated
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

## Specifications and approvals

Specifications	EN 60664-1
	IEC 61984
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076
	CSA-C22.2 No. 182.3 ECBT8.E235076

## Commercial data

Packaging size	1
Net weight	36.6 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440218 Module for industrial connectors (data)