

# Han GigaBit Cat8 (GND), male



Part number	09 14 008 3035
Specification	Han GigaBit Cat8 (GND), male
HARTING eCatalogue	https://b2b.harting.com/09140083035

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

#### Identification

Category	Inserts
Specification	Han <sup>®</sup> Gigabit insert
Features	Suitable for PoE++

# Version

Termination method	Crimp termination
Gender	Male
Number of contacts	8
further 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 mm²
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
Transmission characteristics	Cat. 7 <sub>A</sub> Class F <sub>A</sub> up to 1,000 MHz Cat. 8 Class II up to 2000 MHz

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# Technical characteristics

	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
Data rate	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
	25 Gbit/s
	40 Gbit/s
Contact resistance, shielding	≤100 mΩ
Limiting temperature	-40 +85 °C
Mating cycles	≥500

### Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (shielding)	Zinc die-cast, nickel-plated
Material flammability class acc. to UL 94	V-0

Specifications and approvals		
Specifications	IEC 60664-1 IEC 61984	
Approvals	DNV GL	
Commercial data Packaging size	1	
Country of origin	Germany	
European customs tariff number	85366990	
GTIN	5713140187498	
eCl@ss	27440218 Module for industrial connectors (data)	

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