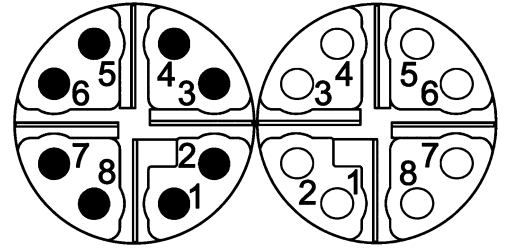


Number of contacts

# 8

0.5 A 32 V 0.8 kV 3  
+ shielding



Modular

## Technical characteristics

Number of contacts	8
Additional contacts	+ shielding
Rated current	0.5 A
Rated voltage	32 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
Contact resistance, shielding	≤100 mΩ
Limiting temperature	-40 ... +85 °C
Mating cycles	≥500
Wire outer diameter	≤1.4 mm
Transmission characteristics	Cat. 6A, Class E <sub>A</sub> up to 500 MHz

## Technical characteristics

Material (insert)	Liquid crystal polymer (LCP), Polycarbonate (PC)
Material (shielding)	Copper alloy, nickel plated
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption

## Specifications and approvals

EN 60664-1  
IEC 61984

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)
		Male	Female	
Han-Modular®, Han® M12 module  		09 14 002 3061	09 14 002 3161	
Han-Modular®, X-coding, Crimp termination  <p>Please order crimp contacts separately.</p>	0.08 ... 0.25	09 14 881 1805	09 14 881 2805	<p>Cable diameter 5.7 ... 8.8 mm</p>