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Product data sheet
14 03 081 4302 201
har-flexicon 3,50 TWIH-8 Ethernet
This product will not be orderable much longer. Please contact your local distribution partner.

Pushing Performance
Since 1945

har-flexicon 3,50 TWIH-8 Ethernet



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

Part number	14 03 081 4302 201
Specification	har-flexicon 3,50 TWIH-8 Ethernet
HARTING eCatalogue	https://harting.com/14030814302201

Identification

Category	Connectors
Series	har-flexicon®
Element	PCB terminal block

Version

Termination method	IDC insulation displacement termination Wave soldering termination
Connection type	PCB to cable
Number of contacts	8
Field of application	for wave soldering

Technical characteristics

Conductor cross-section (mm²)	0.2 ... 0.34 mm²
Conductor cross-section (AWG)	AWG 24 ... AWG 22
Contact rows	1
Contact spacing (termination side)	3.5 mm
Rated current	2.5 A
Pollution degree	3
Transmission characteristics	Cat. 6_A Class E_A up to 500 MHz
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 10 Gbit/s
Clearance distance	2.3 mm

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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Technical characteristics

Creepage distance	2.3 mm
Limiting temperature	-40 ... +105 °C
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	PA66
Colour (insert)	Brown Blue Orange Green White
Material (contacts)	Copper alloy
Surface (contacts)	Sn Mating side Sn Termination side
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

Specifications and approvals

UL / CSA	UL 1059 XCFR2.E314677 CSA-C22.2 No. 158-10 XCFR8.E314677

Commercial data

Packaging size	100
Net weight	5.59 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140280083
eCl@ss	27460201 PCB connector (board connector)

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ETIM	EC002637
UNSPSC 24.0	39121415

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