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Product data sheet
14 31 081 6201 201
har-flexicon FCV-8 Ethernet

Pushing Performance
Since 1945

har-flexicon FCV-8 Ethernet



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

Part number	14 31 081 6201 201
Specification	har-flexicon FCV-8 Ethernet
HARTING eCatalogue	https://harting.com/14310816201201

Identification

Category	Connectors
Series	har-flexicon®
Element	Connector

Version

Termination method	Spring clamp termination
Connection type	PCB to cable
Number of contacts	8
Coding	White Green Orange Blue Brown

Technical characteristics

Conductor cross-section (mm²)	0.08 ... 1.5 mm² Solid 0.08 ... 1.5 mm² Stranded
Conductor cross-section (AWG)	AWG 28 ... AWG 16 Solid AWG 28 ... AWG 16 Stranded
Contact rows	1
Contact spacing (termination side)	5 mm
Pollution degree	3
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s

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Technical characteristics

Clearance distance	3.7 mm
Creepage distance	3.7 mm
Stripping length	4 mm
Limiting temperature	-40 ... +105 °C
Isolation group	II (400 ≤ CTI < 600)

Material properties

Material (insert)	PA46
Colour (insert)	Grey
Material (contacts)	Copper alloy Spring steel
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	9.292 g
Country of origin	China
European customs tariff number	85366990
GTIN	5713140280137
eCl@ss	27460201 PCB connector (board connector)

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ETIM	EC002637
UNSPSC 24.0	39121415

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