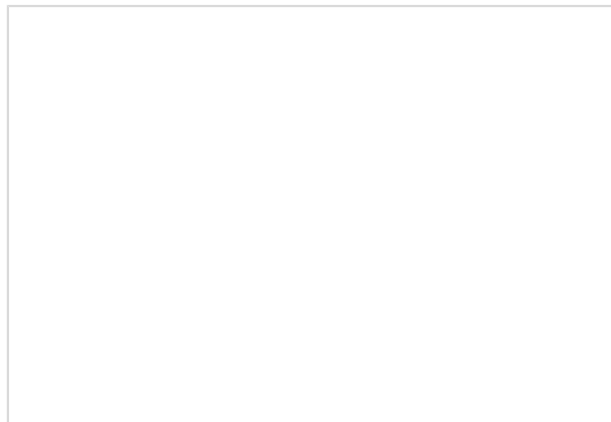




Pushing Performance

M12-PCB-SMT-2PC-8P-ACOD-M-STR(75)



Part number	21 03 311 1816
Specification	M12-PCB-SMT-2PC-8P-ACOD-M-STR(75)
HARTING eCatalogue	https://b2b.harting.com/21033111816

Identification

Category	Connector
Series	Circular connectors M12
Element	PCB adapter
Specification	Straight

Version

Termination method	Reflow soldering termination (SMT)
Gender	Male
Shielding	Unshielded
Number of contacts	8
Coding	A-coding
Pack contents	Tape & reel

Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	$\geq 10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C -5 ... +50 °C During connection
Mating cycles	≥ 100
Overvoltage category	III
Isolation group	I ($600 \leq \text{CTI}$)

Material properties

Material (insert)	LCP
Material (contacts)	Copper alloy



Pushing Performance

Material properties

Surface (contacts)	Gold plated
RoHS	compliant with exemption
RoHS exemptions	6c: Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

Commercial data

Packaging size	1
Net weight	0.1 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440402 PCB connector