

M12 transf. 10/100BASE-T d STR with PoE



Part number	21 03 381 2411
Specification	M12 transf. 10/100BASE-T d STR with PoE
HARTING eCatalogue	https://b2b.harting.com/21033812411

Identification

Category	Connector
Series	Circular connectors M12
Identification	M12 Magnetics
Element	PCB adapter
Specification	with integrated transformer Straight PoE enabled

Version

Termination method	Reflow soldering termination (SMT)
Gender	Female
Shielding	Shielded
Number of contacts	4
Coding	D-coding

Technical characteristics

Rated current	3 A
Rated voltage	57 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	> 10 ⁸ Ω
Contact resistance	≤10 mΩ
Ambient temperature	-40 +85 °C +245 °C for reflow soldering
Mating cycles	≥100

Page 1 / 2 | Creation date 2019-04-17 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

Degree of protection acc. to IEC 60529	IP65 / IP67 when mated	
Transmission characteristics	Cat. 5 Class D up to 100 MHz	
Data rate	100 Mbit/s	
Material properties		
Material (insert)	LCP	
Material (contacts)	Brass	
Surface (contacts)	Gold plated	
RoHS	compliant with exemption	
RoHS exemptions	6c: Copper alloy containing up to 4 % lead by weight 7c-I: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound	
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	
Specifications and approvals		
Specifications	IEC 61076-2-101	
Commercial data		
Packaging size	60	
Netweight		

Net weight	8.15 g
Country of origin	China
European customs tariff number	8536901100
eCl@ss	27440402 PCB connector