

M12 MAGNET D-CODED ANG POE FAST ETHERNET



Part number	21 03 381 4422
Specification	M12 MAGNET D-CODED ANG POE FAST ETHERNET
HARTING eCatalogue	https://b2b.harting.com/21033814422

Identification

Category	Connector
Series	Circular connectors M12
Identification	M12 Magnetics
Element	PCB adapter
Specification	with integrated transformer Angled PoE enabled for front mounting

Version

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

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

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Technical characteristics

	+245 °C for reflow soldering	
Mating cycles	≥100	
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	1
Net weight	23 g
Country of origin	China
European customs tariff number	8536901900
eCl@ss	27440402 PCB connector

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