

M12 MAGNETICS X.CODED STRAIGHT POE 10 GB



Part number	21 03 381 2825
Specification	M12 MAGNETICS X.CODED STRAIGHT POE 10 GB
HARTING eCatalogue	https://b2b.harting.com/21033812825

Identification

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

Version

Termination method	Reflow soldering termination (SMT)
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	X-coding
Pack contents	incl. housing

Technical characteristics

Rated current	0.8 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

European customs tariff number

eCl@ss

	+245 °C for reflow soldering
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz
Data rate	10 Gbit/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 61076-2-109
Commercial data	
Packaging size	1
Net weight	23 g
Country of origin	China
	050000 4000

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27440402 PCB connector