

HARAX M12-L shielded female 4-pole D-cod



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

Part number	21 03 282 2405
Specification	HARAX M12-L shielded female 4-pole D-cod
HARTING eCatalogue	https://b2b.harting.com/21032822405

Identification

Category	Connectors
Series	Circular connectors M12
Identification	M12-L
Element	Cable connector
Specification	Straight

Version

Termination method	HARAX [®] connection technology
Gender	Female
Locking type	Screw locking
Shielding	Shielded
Number of contacts	4
Coding	D-coding
Details	For Fast Ethernet applications only

Technical characteristics

Conductor cross-section	0.34 ... 0.75 mm ²
Conductor cross-section	AWG 22 ... AWG 18
Wire outer diameter	≤2 mm
Rated current	4 A
Rated voltage	50 V
Rated impulse voltage	1.5 kV
Pollution degree	3



Pushing Performance

Technical characteristics

Insulation resistance	>10 ⁸ Ω
Contact resistance	≤10 mΩ
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	17
Ambient temperature	-40 ... +85 °C
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 / IP67 when mated
Cable diameter	4.5 ... 8.8 mm
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Brass
Surface (contacts)	Gold plated
Material (hood/housing)	Zinc die-cast
RoHS	compliant with exemption
RoHS exemptions	6(c): 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

Specifications and approvals

Specifications	IEC 61076-2-101
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

Commercial data

Packaging size	1
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Pushing Performance

Commercial data

Net weight	55.8 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)