

Circular ConnectorM12crimp female D-Code



Part number	21 03 882 2405
Specification	Circular ConnectorM12crimp female D-Code
HARTING eCatalogue	https://b2b.harting.com/21038822405

Identification

Category	Connector
Series	Circular connectors M12
Element	Cable connector
Specification	Straight

Version

Termination method	Crimp termination
Gender	Female
Locking type	Screw locking
Shielding	Shielded
Number of contacts	4
Coding	D-coding
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section	0.14 ... 0.75 mm ²
Conductor cross-section	AWG 26 ... AWG 18
Wire outer diameter	≤2.3 mm
Rated current	4 A
Rated voltage	250 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	> 10 ⁸ Ω
Contact resistance	≤10 mΩ



Technical characteristics

Ambient temperature	-40 ... +85 °C
Tightening torque	0.6 Nm
Wrench size	A/F 17 Knurled screw / knurled nut
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 when mated IP67 when mated
Cable diameter	4.5 ... 8.8 mm
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overtoltage category	III
Isolation group	I (600 ≤ CTI)

Material properties

Material (insert)	Polyamide
Material (hood/housing)	Zinc die-cast
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

Specifications and approvals

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

Commercial data

Packaging size	1
Net weight	46.5 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440102 Circular connector (for field assembly)