

## M12-L shielded male 4-pole D-coded



Part number	21 03 282 1405
Specification	M12-L shielded male 4-pole D-coded
HARTING eCatalogue	<a href="https://b2b.harting.com/21032821405">https://b2b.harting.com/21032821405</a>

### Identification

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

### Version

Termination method	HARAX <sup>®</sup> connection technology
Gender	Male
Locking type	Screw locking
Shielding	Shielded
Number of contacts	4
Coding	D-coding

### Technical characteristics

Conductor cross-section	0.34 ... 0.75 mm <sup>2</sup>
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
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ



Pushing Performance

## Technical characteristics

Ambient temperature	-40 ... +85 °C
Tightening torque	0.6 Nm
Wrench size (knurled screw / knurled nut)	17
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
Net weight	52.5 g
Country of origin	Germany



Pushing Performance

## Commercial data

European customs tariff number 85366990

eCl@ss 27440102 Circular connector (for field assembly)