

M12 D-cod 4-pol st/- m/- PUR Typ R 1.0m



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Part number	09 48 C80 0025 010
Specification	M12 D-cod 4-pol st/- m/- PUR Typ R 1.0m
HARTING eCatalogue	https://harting.com/0948C800025010

Identification

Category	System cabling
Series	Circular connectors M12
Element	Cable assemblies
Specification	Pre-assembled on one side
Connector 1	M12 D-coding Male Straight
Type of cable	Copper cable (round)
Description of the cable	Type R

Version

Cable length	1 m
Core structure	4x AWG 22/19
Number of contacts	4
Coding	D-coding

Technical characteristics

Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Limiting temperature	-25 ... +60 °C
Degree of protection acc. to IEC 60529	IP65 / IP67 mated condition
Cable diameter	6.3 ... 6.7 mm
Minimum bending radius	5x Cable diameter (singular bending)
Drag chain compatible	Yes



Pushing Performance
Since 1945

Technical characteristics

Bending cycles	≥ 5.000.000 @ Bending radius = 75 mm @ length ≤ 5 m @ speed ≤ 5 m/s @ acceleration ≤ 20 m/s ²
Cycles of alternating bending (tic-toc test)	1.000.000 @ Bending radius = 75 mm
Torsional strength	≥ 5.000.000 @ torsion angle= ±180° @ 1m

Material properties

Material (cable)	PUR (polyurethane)
Colour (cable)	Yellow

Specifications and approvals

PROFINET	Yes
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Commercial data

Packaging size	1
Country of origin	China
European customs tariff number	85444290
GTIN	5713140338203
eCl@ss	27060390 Ready-made data cable (unspecified)