

M12 PCB female D-coded angled IP20



Part number	21 03 381 4435
Specification	M12 PCB female D-coded angled IP20
HARTING eCatalogue	https://b2b.harting.com/21033814435

Identification

Category	Connectors
Series	Circular connectors M12
Element	PCB adapter
Specification	Angled for rear mounting
Description of hood/housing	With fixing hole

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Locking type	Screw locking PushPull
Shielding	Shielded
Number of contacts	4
Coding	D-coding

Technical characteristics

Rated current	4 A
Rated voltage	250 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
Ambient temperature	-40 ... +85 °C



Pushing Performance

Technical characteristics

Tightening torque	2 Nm Lock nut
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP20
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Overvoltage category	III
Isolation group	I ($600 \leq CTI$)

Material properties

Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
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
PROFINET	Yes

Commercial data

Packaging size	10
Net weight	23.34 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440402 PCB connector