

D-Sub M 21WA4 ANG MA 20A UNC NM30 BL



Part number	09 69 400 9313
Specification	D-Sub M 21WA4 ANG MA 20A UNC NM30 BL
HARTING eCatalogue	https://b2b.harting.com/09694009313

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

Identification

Category	Connectors
Series	D-Sub
Identification	Mixed
Element	Connector
Description of the contact	Turned Angled

Version

Termination method	Wave soldering termination
Gender	Male
Size	D-Sub 4
Number of contacts	21
Number of signal contacts	17
Number of power contacts	4
PCB fixing	With frame With board locks
Locking type	Fixing flange with thread 4-40 UNC

Technical characteristics

Contact spacing (termination side)	2.54 mm
Flange height	7.3 mm
Rated current	5 A
Rated current (power)	20 A
Insulation resistance	>10 ⁵ Ω

Page 1 / 3 | Creation date 2022-12-16 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



Technical characteristics

Contact resistance, signal area	≤10 mΩ
Contact resistance, power area	≤1 mΩ
Tightening torque	≤0.6 Nm Female screw lock
Limiting temperature	-55 +125 °C
Performance level	NM 30 (S4) 1
Mating cycles	>500
Test voltage U _{r.m.s.}	1 kV
Isolation group	IIIa (175 ≤ CTI < 400)
PCB thickness	1.6 mm
Hot plugging	No

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled (PBT) Shell: steel, tin plated
Colour (insert)	Green
Material (contacts)	Copper alloy
Surface (contacts)	Gold plated Mating side Sn over Ni Termination side
Layer thickness	≥0.76 µm
Layer thickness	≥30 µinch
Material flammability class acc. to UL 94	V-0

Specifications and approvals

Specifications	DIN 41652-1
Specifications	CECC 75301-802
UL / CSA	UL 1977 ECBT2.E102079

Commercial data

Packaging size	25
Net weight	27 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140217201

Product data sheet 09 69 400 9313 D-Sub M 21WA4 ANG MA 20A UNC NM30 BL



Commercial data

eCl@ss

27440214 D-Sub coupler