

GTB12 Cableplug, straight, d-code

according EN 61076-2-011

Item number: GTB12-D-4-MP

Product weight (kg): 0.0347 kg

Packing unit: 1



MECHANICAL PROPERTIES

Design: Cable plug

Version: Straight

Coding: D

Number of contacts: 4

Connection type: Crimp

Contact type: Pin contact

Number of mating cycles (min.): 200

Wire section [mm²]: 0.34 - 0.5

Wire section [AWG]: 22 - 20

Cable diameter [mm]: 5.0 - 8.5

Operation temperature [°C]: -55 - +85

Shell material: Brass

Surface: Electroless nickel

MECHANICAL PROPERTIES

RoHS-compliant:	Compliant with exception 6c (copper alloy $\leq$ 4% lead)
REACH-compliant:	SVHC substances, yes - Lead
Contact Material:	AU over copper alloy
EMI:	Yes
Cable strain relief:	Cable gland
EMC shielding:	EMI spring

THERMAL PROPERTIES

Material contact insert:	Latamid 6H-V0
Operating temperature insert [°C]:	-55 - +85

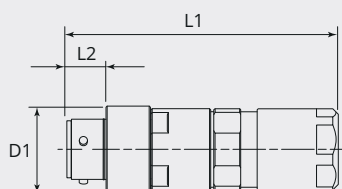
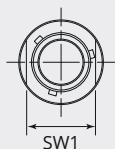
ELECTRICAL PROPERTIES

Insulation resistance (Ω):	$\geq 10^{10}$
Potential drop between contacts and housing [kV]:	1.4
Potential drop across contacts [kV]:	0.84
Data transfer speed:	10/100 Mbits/s - Cat5e
Pollution degree:	3
Test voltage DC [V]:	2.500000000
Rated DC voltage [V]:	63
Rated current [A]:	4

STANDARDS

Fire protection class EN 45545-2:	R22/HL1,HL2 R23,24/HL1,HL2,HL3
Fire protection class NF F 16-101 / NF F 16-102:	I2/F2
Protection class EN 60529 (mounted):	IP67
RoHS-compliant:	Compliant with exception 6c (copper alloy $\leq 4\%$ lead)
REACH-compliant:	SVHC substances, yes - Lead

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	16
D2 Ø [mm]:	15.0
L1 [mm]:	50.0
L2 [mm]:	7.2



- Please contact your Gimota partner for other M12 products
- Gimota M12 connectors are **supplied including contacts.**

M12 pin contacts, AWG 22 - 20, 20 pcs.

Item number: GTM12PC20AU.20
Product weight (kg): 0.0002 kg
Packing unit: 1



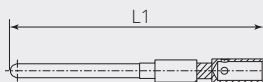
MECHANICAL PROPERTIES CONTACTS

Contact type:	Pin
Contact Material:	CU alloy
Coating:	Gold
Protective layer:	Gold plated, 0.4µm
Operating temperature [°C]:	-55 - +85
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm²]:	0.34 - 0.5
Wire section [AWG]:	22 - 20

STANDARDS

RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)
REACH-compliant:	SVHC substances, yes - Lead

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	1.65
d1 Ø [mm]:	1.10
L1 [mm]:	17.00
T1 [mm]:	3.80

M12 pin contacts, AWG 22 - 20, 100 pcs.

Item number: GTM12PC20AU.100
Product weight (kg): 0.0205 kg
Packing unit: 1



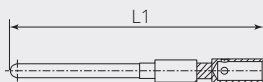
MECHANICAL PROPERTIES CONTACTS

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Contact Material:	CU alloy
Coating:	Gold
Protective layer:	Gold plated, 0.4µm
Operating temperature [°C]:	-55 - +85
Type of manufacture:	Turned
Connection type:	Crimp
Wire section [mm²]:	0.34 - 0.5
Wire section [AWG]:	22 - 20

STANDARDS

RoHS-compliant:	Compliant with exception 6c (copper alloy ≤ 4% lead)
REACH-compliant:	SVHC substances, yes - Lead

DIMENSIONS



DIMENSIONS

D1 Ø [mm]:	1.65
d1 Ø [mm]:	1.10
L1 [mm]:	17.00
T1 [mm]:	3.80