



GTM12 Cableplug, straight, a-code

according EN 61076-2-101

Item number: GTM12-A-8-MP

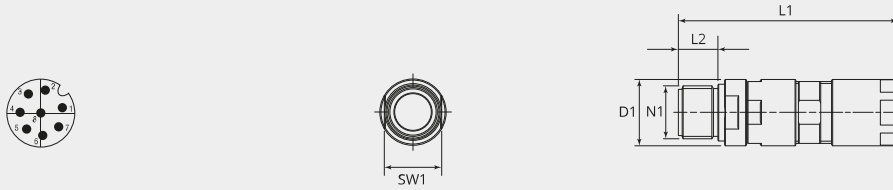
Net weight: 0.0320 kg

Mechanical properties

Design:	Cable plug
Version:	Straight
Coding:	A
Number of contacts:	8
Strand/wire adaptation:	Crimp
Contact type:	Pin contact
Wire section (mm²):	0.20 - 0.34
Wire section (AWG):	24 - 22
Contact Material:	0.4μ AU over copper alloy
Shell material:	Brass
Surface treatment:	Electroless nickel
Operation temperature:	-55°C - +85°C
EMI:	Yes
Cable diameter (mm):	5.0 - 8.5
Cable strain relief:	Cable gland
EMC shielding:	EMI spring
Number of mating cycles (min.):	200
ROHS compliant:	compliant with exception 6c (copper alloy ≤ 4% lead)
REACH compliant:	SVHC substances, yes - Lead

Thermal properties

Material contact insert:	Latamid 6H-V0
Operating temperature:	-55°C - +85°C
Fire protection class DIN EN 45545-2:	R23: HL1/HL2/HL3
Fire protection class NFF16-101/102:	I2/F2



Dimensional drawing

D1 (Ø):	15.0
D2 (Ø):	15.0
L1 (mm):	50.0
L2 (mm):	9.9
N1:	M12x1
SW1:	13

Electrical properties

Insulation resistance (Ω):	$\geq 10^8$
Potential drop between contacts and housing (KV):	0.65
Potential drop across contacts (KV):	0.65
Data transfer speed:	1000 Mbits/s - Cat5e
Pollution degree:	3
Rated surge voltage (KV):	0.8
Rated voltage (VDC):	30
Rated current (A):	2

Please contact your Gimota partner for other M12 products