



# GTM12 Cableplug, straight, a-code

according EN 61076-2-101

Item number: GTM12-A-4-MP

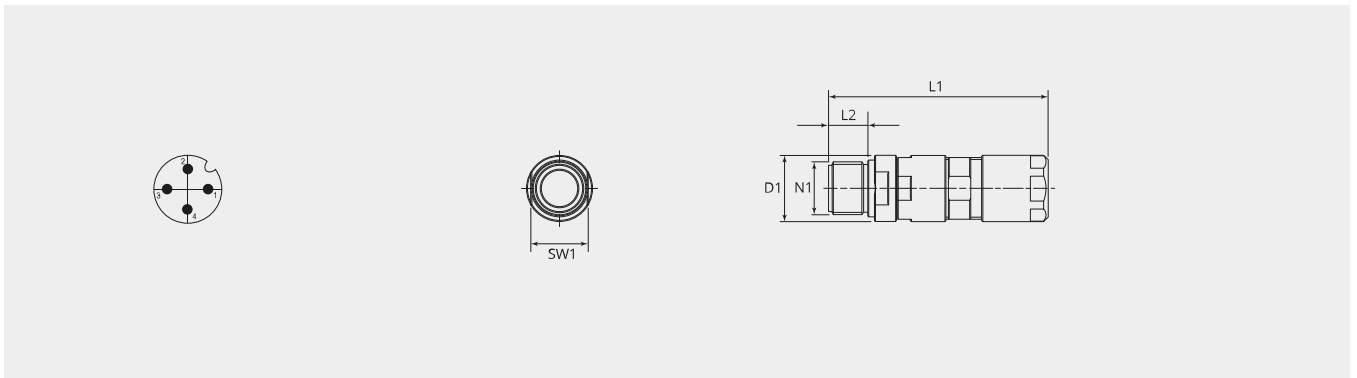
Net weight: 0.0319 kg

## Mechanical properties

Design:	Cable plug
Version:	Straight
Coding:	A
Number of contacts:	4
Strand/wire adaptation:	Crimp
Contact type:	Pin contact
Wire section (mm <sup>2</sup> ):	0.34 - 0.75
Wire section (AWG):	22 - 18
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

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

## Electrical properties

<b>Insulation resistance (Ω):</b>	$\geq 10^8$
<b>Potential drop between contacts and housing (KV):</b>	1.4
<b>Potential drop across contacts (KV):</b>	1.4
<b>Pollution degree:</b>	3
<b>Rated surge voltage (KV):</b>	2.5
<b>Rated voltage (VDC):</b>	< 50 VAC / 75 VDC
<b>Rated current (A):</b>	4

Please contact your Gimota partner for other M12 products

Scope of delivery: