

PRODUCT DESCRIPTION:

EP1G5100

PRODUCT CODE:

EP1G5100ZM

DYNAMIC 3D VIEW:



STATIC 3D VIEW:



Datasheet creation date: 14/08/2025 15:29



tel. +39 039 9906408
+39 039 9903468
fax +39 039 9906203

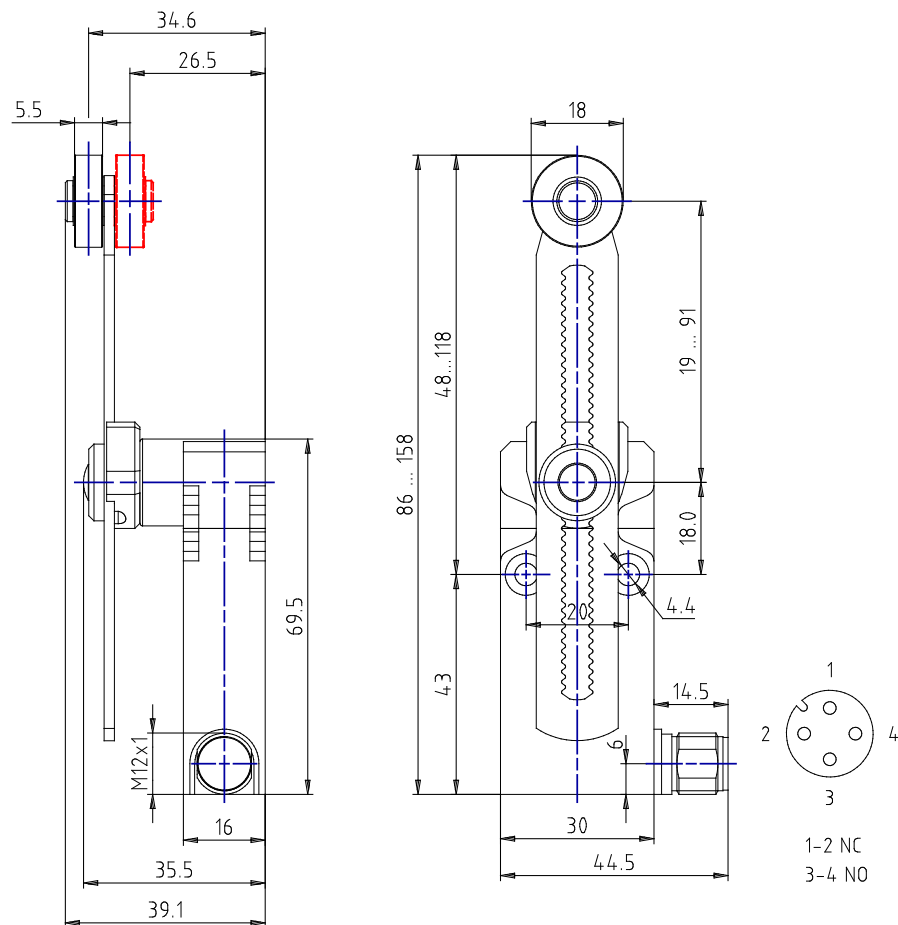


Via Novarino 9/L
23899 Robbiate (LC)
ITALY



www.comepi.it
comepi@comepi.it
tecnico@comepi.it

TECHNICAL VIEW:



Z	13	21	0	21°	32°	65°	74°
			21-22				
			13-14				
			21-22				
			13-14				

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DETAILS:

Code	EP1G5100ZM
Casing Material	Reinforced thermoplastic
Width [mm]	30
Electrical connections	Pre-wired with M12 connector - 4 poles
IP protection rating	IP67
Operating head	Adjustable toothed lever (2mm step) with nylon roller (ø 18mm)
Head Material	Metal
Microswitch	Snap action contacts (1NO + 1NC)
Approvals	IMQ - cULus - CCC - EAC
Reference Directives	LVD - 2014/35/EU
Reference regulations	IEC 60947-5-1 / EN 60947-5-1
Operating Temperatures [°C]	-25°C ... +70°C
Stock temperature [°C]	-40°C ... + 70°C
Protection against electrical shocks	Class II
Rated insulation voltage UI [V]	250
Pollution Degree	3
Contact rating secondo UL508	Class II
Rated impulse voltage Uimp contacts [kV]	2.5
Conventional thermal current in air free Ith (θ min 40 ° C) [A (θ	4
Short circuit protection (EU min 500Vac - fuses type gG (gl)) [A]	4
Rated Operational Current Ie - AC-15 (50-60 Hz) [Vac - A]	24V - 4A / 120V - 4A / 240V - 3A
Rated Operational Current DC-13 [Vdc - A]	24V - 2.8A / 125V - 0.55A / 250V - 0.27A
Max. switching frequency [Cicli/h]	3600
Resistance Between Contacts [mΩ]	25
Connecting Terminals	4 poles M12 male connector
Connecting Cables Dimensions [mm²]	/
Protective Conductor Terminal	/
Marking Terminals	PIN NC: 1-2 / PIN NO: 3-4
Mechanical durability (Millions of operations)	10
B10d (millions of operations)	20

PRODUCT DRAWING RELEASE:

Datasheet creation date: 14/08/2025 15:29

Last Modification (geometry): 25/10/2019 10:30



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