

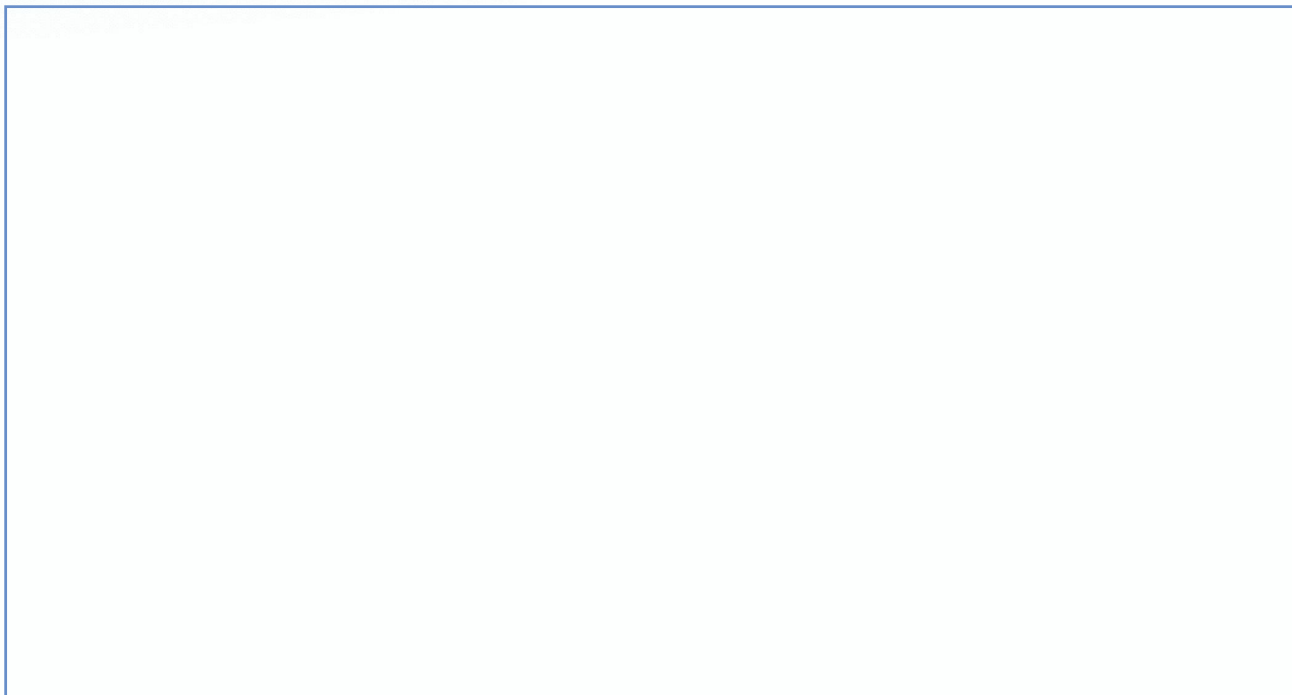
PRODUCT DESCRIPTION:

EP1G12

PRODUCT CODE:

EP1G12ZM

DYNAMIC 3D VIEW:



STATIC 3D VIEW:



Datasheet creation date: 18/08/2025 14:14



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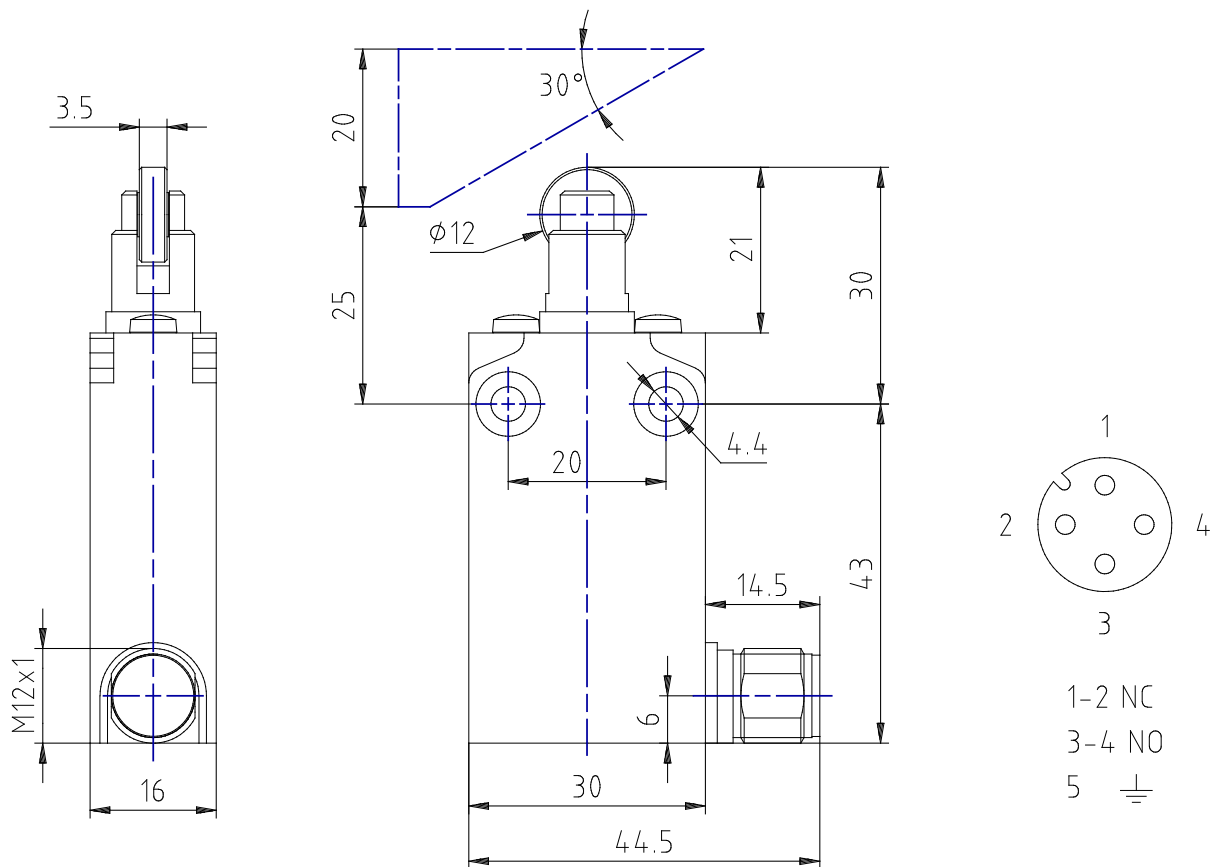


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TECHNICAL VIEW:



Z	13	21	0	2.4	3.8	7.5	8.7mm
			21-22			⊙	△
			13-14				△
			21-22				△
	14	22	13-14				△

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DETAILS:

Code	EP1G12ZM
Casing Material	Reinforced thermoplastic
Width [mm]	30
Electrical connections	Pre-wired with M12 connector - 4 poles
IP protection rating	IP67
Operating head	Metal roller plunger
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 (gI)) [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:

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