

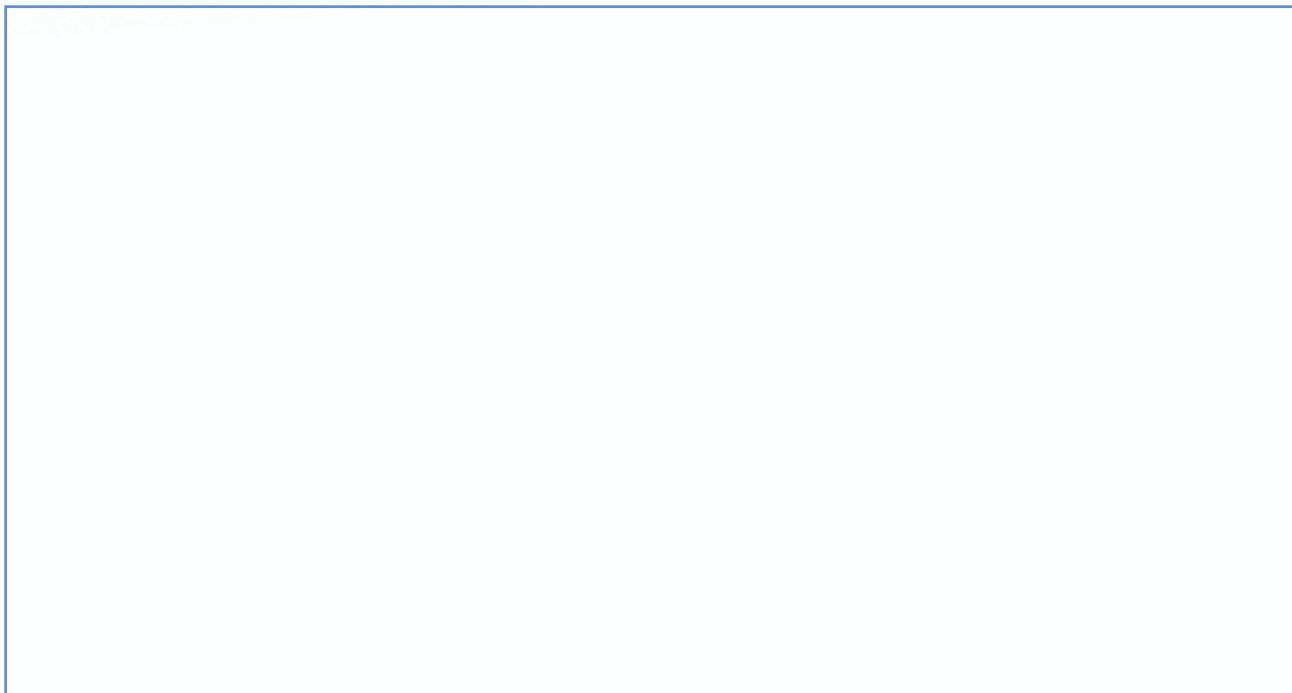
PRODUCT DESCRIPTION:

AM_F12

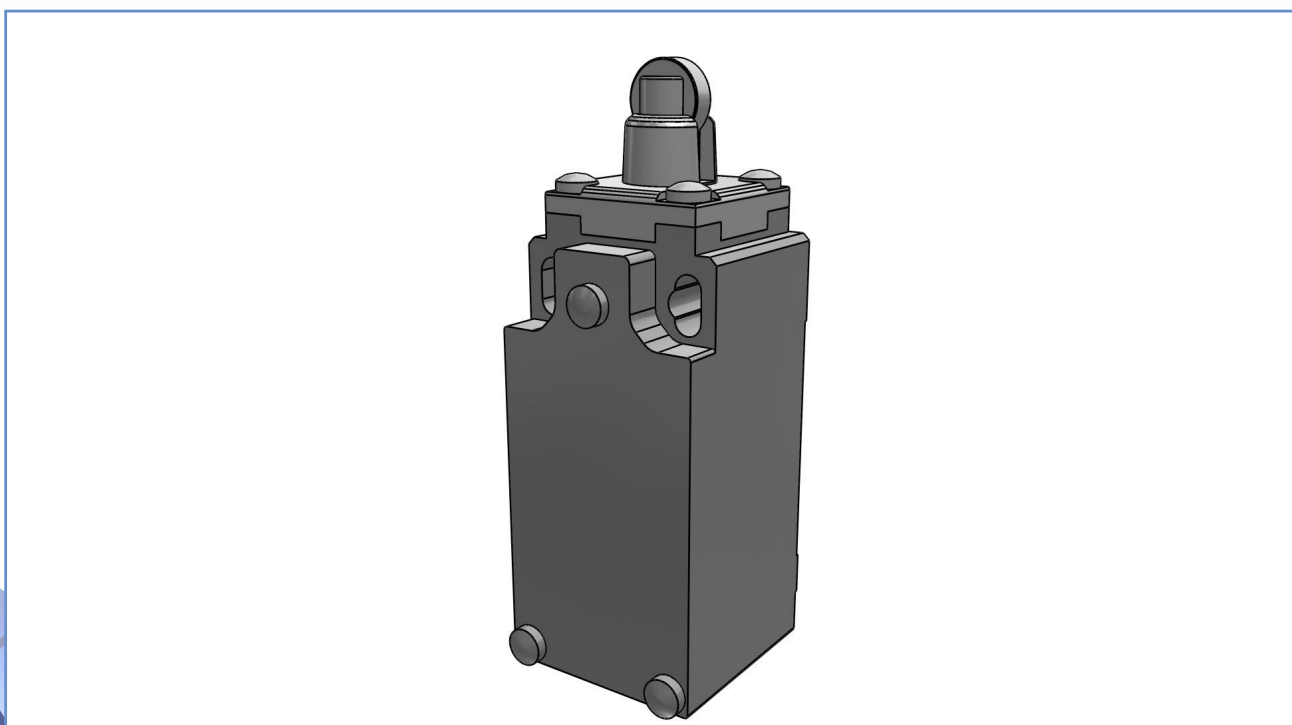
PRODUCT CODE:

AM5F12Z02

DYNAMIC 3D VIEW:



STATIC 3D VIEW:



Datasheet creation date: 13/08/2025 15:09



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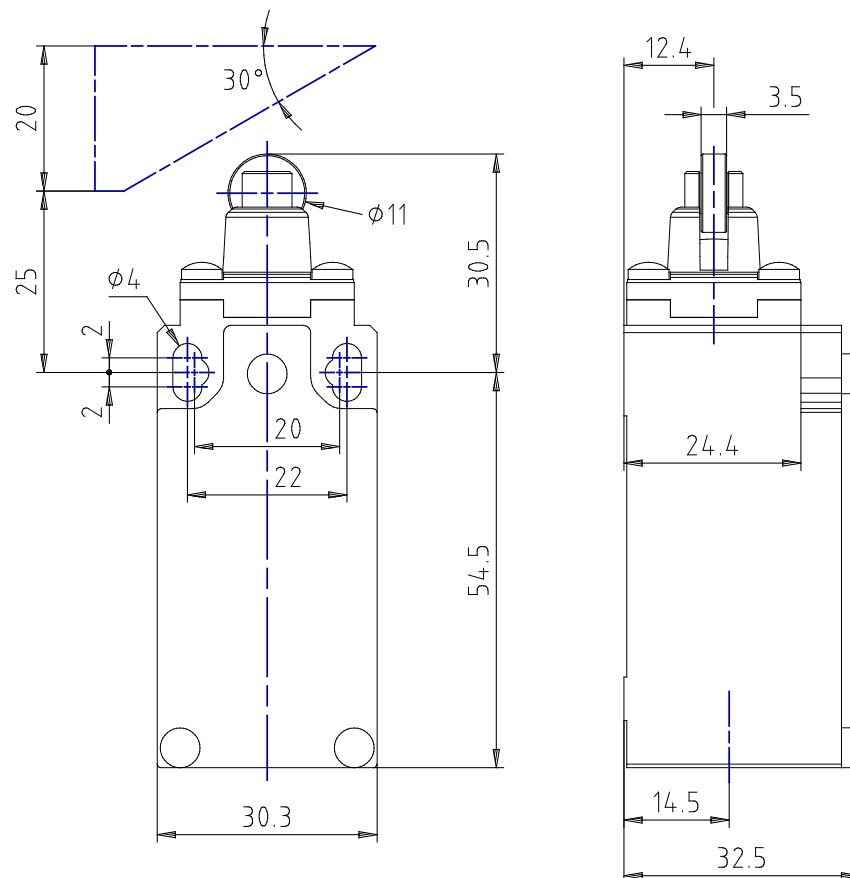


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TECHNICAL VIEW:



Z02	11 12	21 22	0	2.5	4.5	7.4	9.6mm
			11-12			→	→
			21-22			→	→
			11-12				→

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DETAILS:

Part Number	AM5F12Z02
Casing Material	Painted zamak
Width [mm]	30
Electrical connections	One cable inlet for M20x1.5 cable gland
IP protection rating	IP66
Actuating Head	Stainless steel roller plunger
Head Material	Metal head
Microswitch	Snap action contacts (2NC)
Approvals	IMQ - cULus - CCC - CSA - EAC
Reference Directives	LVD - 2014/35/EU
Reference Standards	IEC 60947-5-1 / EN 60947-5-1
Operating Temperatures [°C]	-25°C ... +70°C
Stock temperature [°C]	-30°C ... +80°C
Protection against electric shocks [Classe (secondo IEC 60536)]	Class I
Rated insulation voltage UI [V]	400
Pollution Degree	3
Contact rating according to UL50	A300 - Q300
Rated Impulsive Voltage Uimp [kV]	6
Conventional thermal current in free air Ith [A (θ	10
Short circuit protection [A (Ue	10
Rated Operational Current Ie - AC-15 (50-60 Hz) [Secondo IEC 60947-5-1]	24V - 10A / 120V - 6A / 400V - 4A
DC-13 operating currents [Secondo IEC 60947-5-1]	24V - 6A / 125V - 0.55A / 250V - 0.4A
Switching Frequency [Cicli/ora]	3600
Resistance Between Contacts [mΩ]	25
Connecting Terminals	M3.5 screw with cable clamp (+,-) pozidriv 2
Connecting Cables Dimensions [mm²]	0.75 ... 2.5
Protective Conductor Terminal	M3.5 screw with cable clamp (+,-) pozidriv 2
Marking Terminals	According to IEC 60947-5-1
Mechanical Durability [Milioni di manovre]	15
B10d [Milioni di manovre]	30

PRODUCT DRAWING RELEASE:

Datasheet creation date: 13/08/2025 15:09

Last Modification (geometry): 21/12/2020 16:53


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