

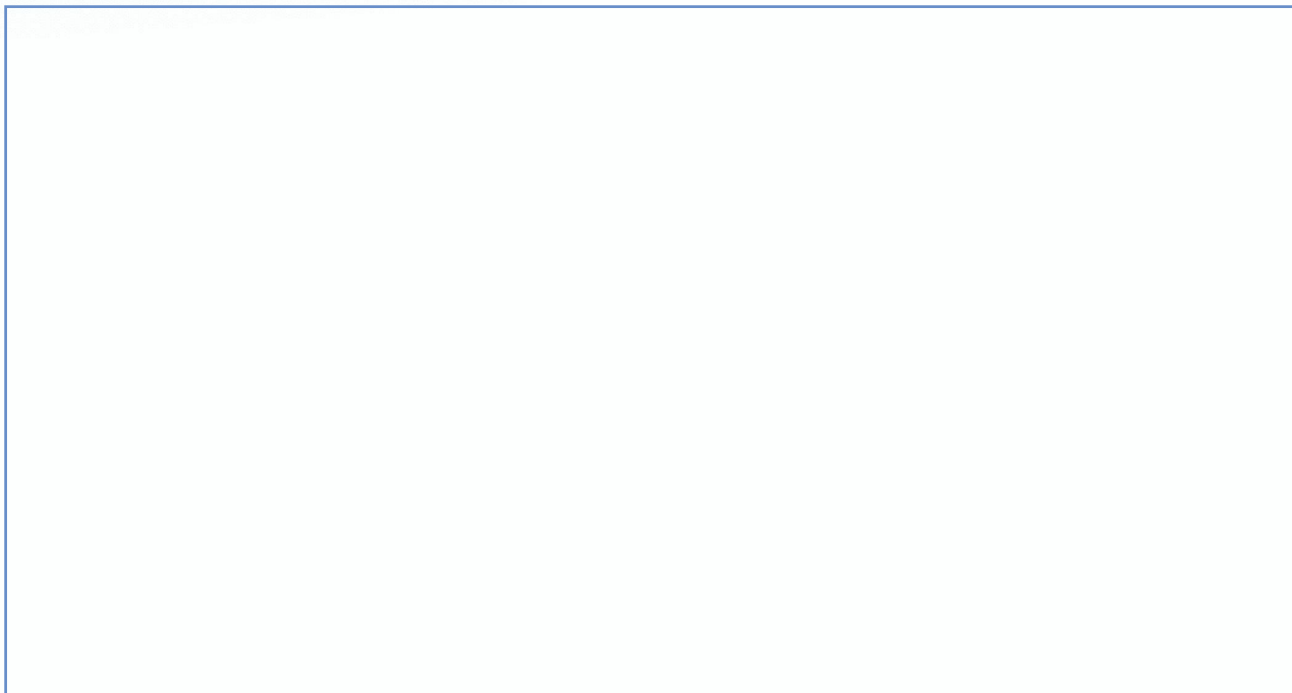
PRODUCT DESCRIPTION:

AP_R31

PRODUCT CODE:

AP5R31X12P

DYNAMIC 3D VIEW:



STATIC 3D VIEW:



Datasheet creation date: 19/08/2025 12:11



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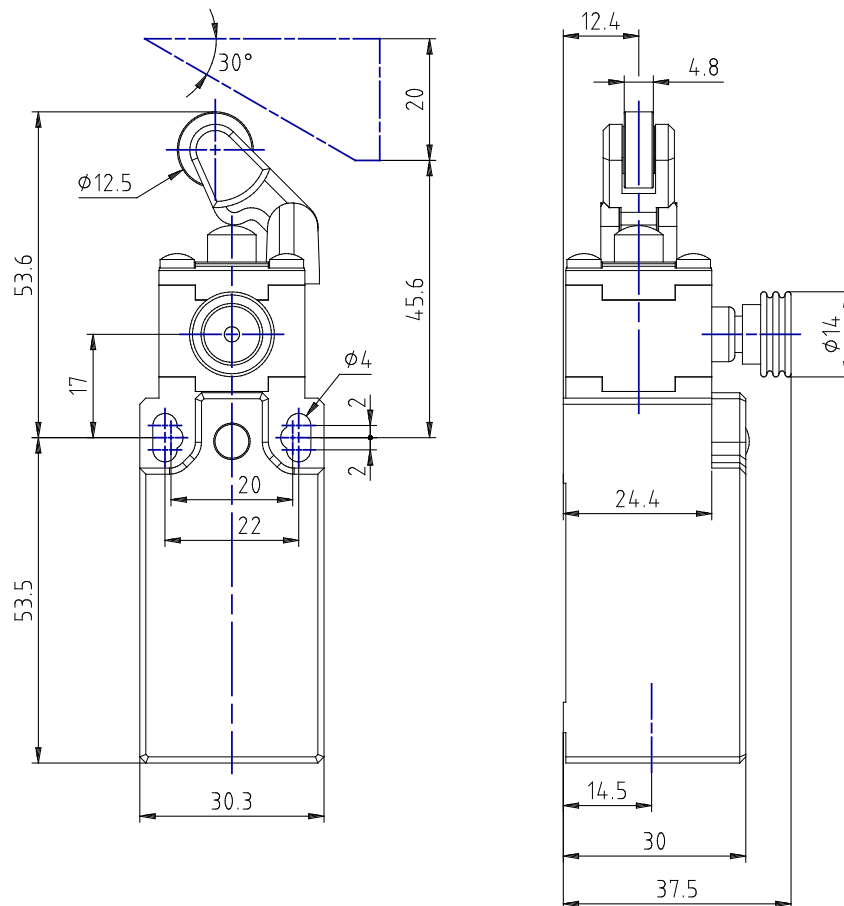


Via Novarino 9/L
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ITALY



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TECHNICAL VIEW:



X12P	11	21	33	0	6.9	11	11.8	R16.5	21mm
	12	22	34	11-12		→			
				21-22		→			
				33-34					

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DETAILS:

Part Number	AP5R31X12P
Casing Material	Reinforced thermoplastic
Width [mm]	30
Electrical connections	One cable inlet for M20x1.5 cable gland
IP protection rating	IP65
Actuating Head	Nylon roller plunger with manual reset
Head Material	Thermoplastic head
Microswitch	Non-overlapping slow action contacts (1NO + 2NC)
Approvals	IMQ - cULus - CCC - EAC
Reference Directives	LVD - 2014/35/EU
Reference Standards	IEC 60947-5-1 / EN 60947-5-1
Interlock type according to EN ISO 14119	/
Encoding level according to EN ISO 14119	/
Operating Temperatures [°C]	-25°C ... +70°C
Stock temperature [°C]	-30°C ... +80°C
Protection against electric shocks (according to IEC 60536) [Class]	Class II - Double insulation
Rated insulation voltage UI [V]	400
Pollution Degree	3
Contact rating secondo UL50	A300 - Q300
Rated Impulsive Voltage Uimp [kV]	6
Conventional thermal current in air free Ith (θ min 40 ° C) [A]	10
Short circuit protection (EU min 500Vac - fuses type gG (gl)) [A]	10
Operating currents Ie - AC-15 (50-60 Hz) According to IEC 60947-5-1	24V - 10A / 120V - 6A / 400V - 4A
Operating currents DC-13 According to IEC 60947-5-1	24V - 6A / 125V - 0.55A / 250V - 0.4A
Switching Frequency [cycles/hour]	3600
Resistance Between Contacts [mΩ]	25
Connecting Terminals	M3 screw with cable clamp (+,-) pozidriv 1
Connecting Cables Dimensions [mm²]	0.34 ... 1.5

PRODUCT DRAWING RELEASE:

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Last Modification (geometry): 25/02/2019 14:39


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DETAILS:

Protective Conductor Terminal	/
Marking Terminals	According to IEC 60947-5-1
Mechanical Durability [Millions of Operations]	1
B10d [Millions of Operations]	2

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