



Intrinsically safe pressure switches EEx ia II C T6

LCIE approval
no. 93 C 6015X

- Conform to the Low Voltage Directive
- Can be used without enclosure according to IEC 664-1 pollution group III



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Part numbers

Fixing		81 513 530	
		DIN rail 35 mm	
		EN 50022	
Function	control	pressure	
Version	manual override	with	

Symbol



Characteristics

Permitted fluids	air, inert gases and liquids		●
Adjustable switching pressure (* set at 0.3)	bar	2 to 8	
Hysteresis	at 1 bar	0.5	
	at 2 bars	0.6	
	at 4 bars	0.8	
	at 6 bars	1	
Pressure indicator			●
Temperature	operating ° C	- 10 + 50	
	of fluid ° C	- 10 + 30	
Mechanical life	operations	10 ⁶	
Maximum voltage	V	60 Vdc	
Construction	POM, brass, AU4G		●
Weight	g	48	
Degree of protection	IEC 529	IP 20	

Pneumatic connections

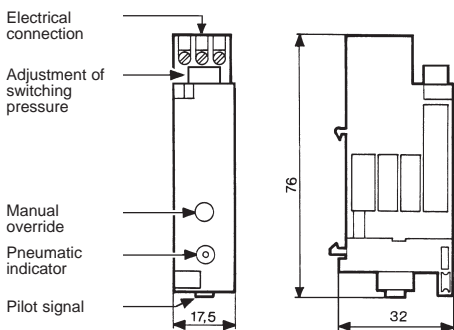
	Push-in connection for semi-rigid tubing		●
Connection	Ø 4 mm (NFE 49100)		●
	Tapped holes 1/8 BSP		—

Electrical connections

	Integral electrical connections		●
Screw terminals	number	3 (1-2-4)	
Wire cross-section	mm ²	0.75	
Terminal capacity	mm ²	3	

Dimensions

81 513 530



Other information

On request :

- Low pressure version from 0.2 to 1.2 bars
- Vacuum version adjustable from -0.3 to -1 bar

To order, specify :

Standard products

1

Reference

Example : Intrinsically safe pressure switches -
81 513 530

Products and specifications subject to change without notice.
Consult factory for application assistance.

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