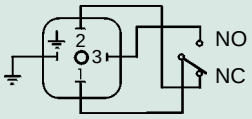
Compact Pressure Switches X1T (Piston)

Wiring Code for all Types
(contact status at atmospheric pressure)



Technical Data

Repeatability	: ± 1% typical
Switching Frequency	: max. 60/min
Max. Temperature	: -30 °C to +80 °C
Pressure Connection	: G 1/4 female or Flange connection
Electrical Connection	: Plug connector DIN 43650
Electrical Ratings and Hysteresis	: See chart
Protection Class	: IP65
Housing	: Compact housing made of Aluminum
Wetted Parts	: NBR and PTFE Stainless steel and roller bearing steel
Intrinsically Safe	: The switches are designed for intrinsically safe applications. Please add 'Exi' to your ordering details when placing an order. To comply with the intrinsically safe approval following max. ratings must not be exceeded: Umax = 28 V, Imax = 50 mA
Set Point Adjustment	: Turn the adjustment screw clockwise to increase the set point.
Weight (appr.)	: 0,4 kg

Adjustable Ranges

Pressure Range Code	Adjustable Range (bar) (Increasing Pressure)	Proof Press. (short term) in bar	Max. Operating Pressure in bar	Max. Hysteresis of Switch Types in bar (End of Range)
X1T- . . . -10	15 . . . 100	600	400	11
X1T- . . . -25	30 . . . 250	600	400	16
X1T- . . . -40	30 . . . 400	600	400	24

Diagrams of hysteresis on request.

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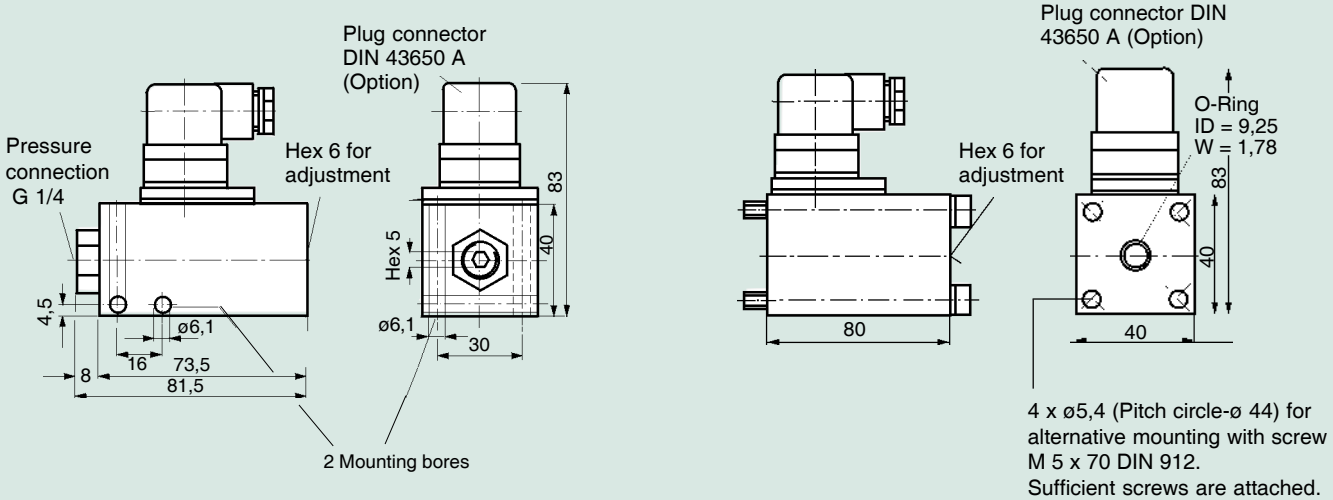
Dimensions (in mm)



Electrical Ratings

Silver contacts	Inductive load	Resistive loal	**Gold-plated contacts**	
30 V = 250 V = 250 V ~	3,0 A 0,03 A 5,0 A	10,0 A 0,25 A 10,0 A	Umax Imax (U · I)max	30 V = 400 mA 0,12 VA

Order number example

Type		Pressure Conn.		Microswitch		Adjustable Range		Option
X1T	—	02	—	10	—	40	—	EXI

Your order number

Type		Pressure Conn.		Microswitch		Adjustable Range		Option
X1T	—		—		—		—	

Pressure Connection	**Microswitch**	**Adjustable Range**	**Options**
(40) Flange acc. to C-Top TK44 (41) G1/4 F	(00) Silver contact (02) Gold-plated contact	(10) 15...100 bar (25) 30...250 bar (40) 30...400 bar	(EXI) for EXI applications

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