

Relative pressure switch type 620/625

Pressure range

-4 ... -900 mbar / 2 ... 6000 mbar



Type 620 and 625 pressure switches, with 13 pressure ranges, are suitable for liquids and gases. Body materials are available in plastic, brass and aluminium, with a choice of NBR, FPM, EPDM and silicone diaphragms.

Very high precision through finely tuned measurement stages and high long term stability. Rugged design and especially suitable for use in general industrial equipment construction, process technology and food automation.

- High accuracy by 13 ideally designed pressure range increments
- Switching differences adjustable
- High long term stability with reproducibility of switching points $< \pm 0.3$ mbar
- Customer specific switching points adjustable in factory
- Rugged industrial switch with excellent Price / performance ratio

Order code selection table					1	2	3	4	5	
					620.	X	X	X	X	X
Pressure range ¹⁾	2 ... 8 mbar	p max. 30 mbar	pt ²⁾ 50 mbar	Switching capacity 250 VAC 1 A	9	1				
	6 ... 75 mbar	300 mbar	500 mbar	1 A	9	2				
	12.5 ... 80 mbar	300 mbar	500 mbar	6 A	9	3				
	12.5 ... 200 mbar	300 mbar	500 mbar	1 A	9	4				
	25 ... 220 mbar	300 mbar	500 mbar	6 A	9	5				
Pressure connection / pressure case	Hose connection Ø 6 mm and M12x1		ABS	... +70 °C			0			
			PA 66	... +80 °C			1			
	Inside thread M5 and M12x1		ABS	... +70 °C			2			
Diaphragm material			PA 66	... +80 °C			3			
	NBR based								0	
	FPM								2	
	EPDM								4	
Switching points (optional)	Q (Silicone)								6	
	Two factory set switching points		(please specify on order)							W
	One factory set switching point high		(please specify on order)							R
	One factory set switching point low		(please specify on order)							U

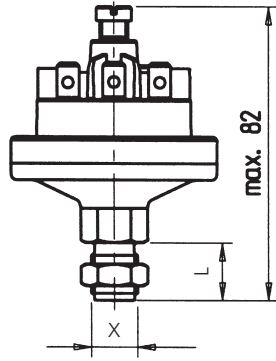
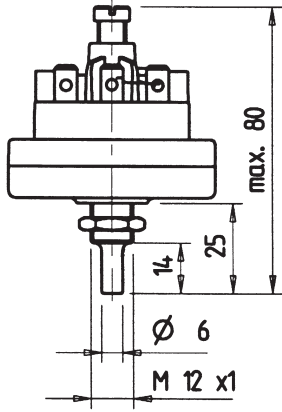
Order code selection table					1	2	3	4	5	
					625.	X	X	X	X	X
Pressure mode	Relative				9					
	Negative				6					
Pressure range ¹⁾	2 ... 8 mbar	p max. 30 mbar	pt ²⁾ 50 mbar	Switching capacity 250 VAC 1 A	9	0				
	6 ... 75 mbar	300 mbar	500 mbar	1 A	9	1				
	12.5 ... 80 mbar	300 mbar	500 mbar	6 A	9	2				
	12.5 ... 200 mbar	300 mbar	500 mbar	1 A	9	3				
	25 ... 220 mbar	300 mbar	500 mbar	6 A	9	4				
	80 ... 2000 mbar	6000 mbar	10000 mbar	1 A	9	5				
	120 ... 2200 mbar	6000 mbar	10000 mbar	6 A	9	6				
	1000 ... 6000 mbar	6800 mbar	10000 mbar	6 A	9	7				
	-4 ... -30 mbar	-50 mbar	-100 mbar	1 A	6	1				
	-15 ... -80 mbar	-300 mbar	-500 mbar	1 A	6	2				
	-30 ... -150 mbar	-300 mbar	-500 mbar	6 A	6	3				
	-50 ... -600 mbar	-1000 mbar	-1000 mbar	6 A	6	4				
	-100 ... -900 mbar	-1000 mbar	-1000 mbar	6 A	6	5				
Pressure connection / pressure case	G ¼	Aluminium Brass					1			
	M12x1	Aluminium Brass					2			
	G ¼	Aluminium Nickel plated brass 5µm					3			
							4			
Diaphragm material									A	
	NBR based									0
	FPM									2
	EPDM									4
Switching points (optional)	Q (Silicone)								6	
	Two factory set switching points		(please specify on order)							W
	One factory set switching point high		(please specify on order)							R
	One factory set switching point low		(please specify on order)							U

Accessories ³⁾		Order number
Cover of PG11 on the side		105836
Mounting bracket with hole Ø 12.5 mm for M12		104259
Mounting bracket with hole Ø 14 mm for G ¼		102872
Connector set (Tab connectors AMP)		103479
Screw clamps set		103491
Calibration certificate		104551

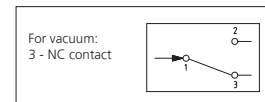
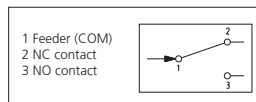
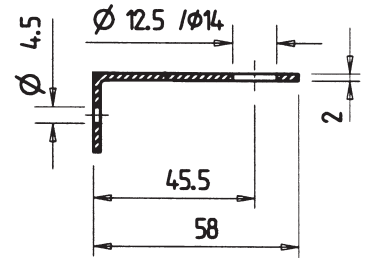
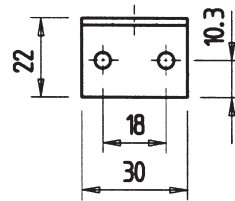
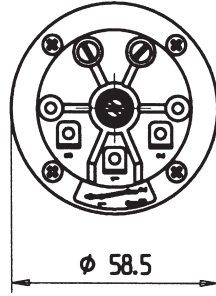
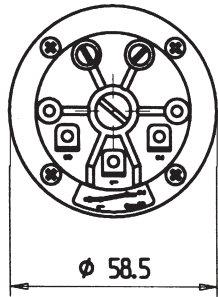
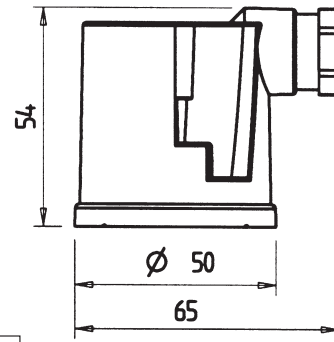
¹⁾ Other pressure ranges on request

²⁾ pt = test pressure

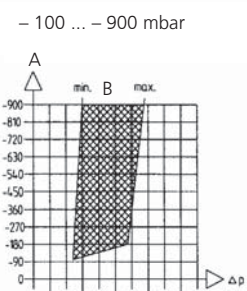
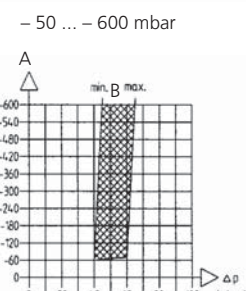
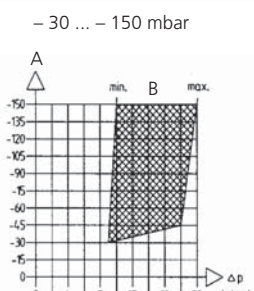
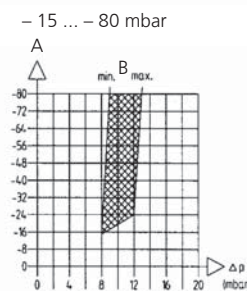
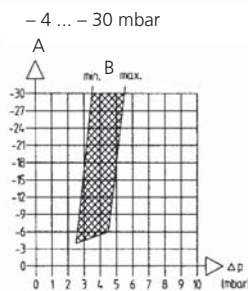
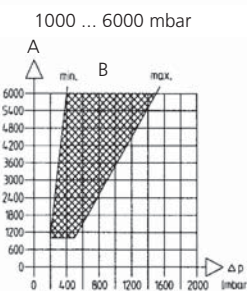
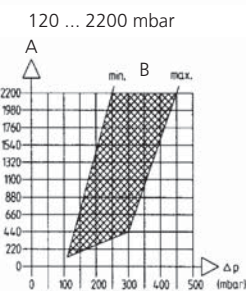
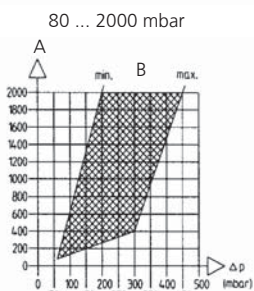
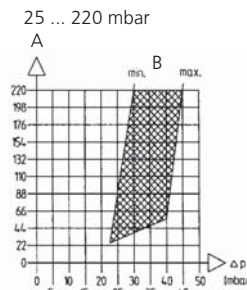
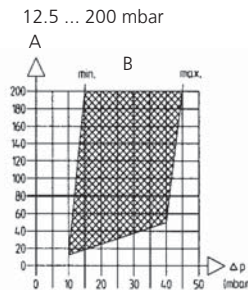
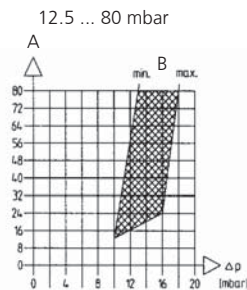
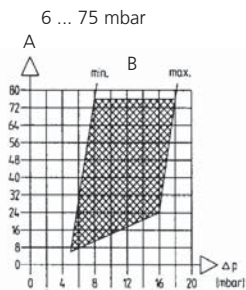
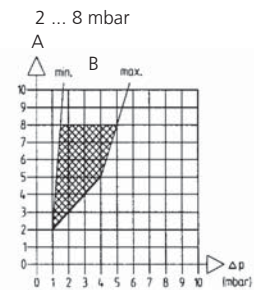
³⁾ Accessories supplied loose



X	L
G 1/4	16
G 1/8	16
M12X1	14



Setting ranges



A Upper switching point (mbar)
B Distance between contacts

Huba Control AG
Headquarters

Industriestrasse 17
5436 Würenlos
Telefon +41 (0) 56 436 82 00
Telefax +41 (0) 56 436 82 82
info.ch@hubacontrol.com

Huba Control AG
Niederlassung Deutschland

Schlattgrabenstrasse 24
72141 Walddorfhäslach
Telefon +49 (0) 7127 23 93 00
Telefax +49 (0) 7127 23 93 20
info.de@hubacontrol.com

Huba Control SA
Succursale France

Rue Lavoisier
Technopôle Forbach-Sud
57602 Forbach Cedex
Téléphone +33 (0) 387 847 300
Télécopieur +33 (0) 387 847 301
info.fr@hubacontrol.com

Huba Control AG
Vestiging Nederland

Hamseweg 20A
3828 AD Hoogland
Telefoon +31 (0) 33 433 03 66
Telefax +31 (0) 33 433 03 77
info.nl@hubacontrol.com

Huba Control AG
Branch Office United Kingdom

Unit 13 Berkshire House
County Park Business Centre
Shrivenham Road
Swindon Wiltshire SN1 2NR
Phone +44 (0) 1993 776667
Fax +44 (0) 1993 776671
info.uk@hubacontrol.com