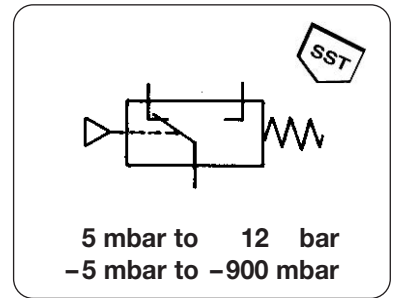


Description	Factory-set pressure switch for monitoring pressure, vacuum and differential pressure of liquid, gaseous or corrosive media. Any mounting position possible, but should be indicated on order for switchpoints < 100 mbar. Vacuum up to -1 bar permissible.		
Electrical connector	AMP-connector	6.3 mm x 0.8 mm,	DIN 46244
Contact / rating	Silver alloy, 2 A at 24V DC or 6 A at 250V AC gold copper alloy 100 mA at 24V DC as option	as option 10 A at 250V AC Protection class: IP 54 or IP 65 with cap	
Certification	VDE 0630 at 6 A with 250V AC		
Service life	DVGW, worksheet G260/I, pressure switch up to 0.5 bar as per DIN 3398, Part 1		
Temperature range	> 1 million cycles	Switching time: < 30 ms	
	-20 °C to 85 °C / -4 °F to 180 °F ambient temperature		
	4 °C to 85 °C / 40 °F to 180 °F media temperature	up to 130 °C / 260 °F with Viton or silicone	
Material	Diaphragm: NBR as standard, FKM / Viton, for steam, EPDM as per FDA or silicone as option		
	Press. connection: brass as standard, differential pressure switch with PA, max. 85 °C / 180 °F stainless steel, PA / Polyamide or PPS / Fortron		
	Body: Zytel, high quality plastic for temperatures < 135 °C		



Dimensions	Over-pressure	Hysteresis	Adjustment	Order
height Ø	pressure	at zero	range	number
mm mm	max. bar	mbar	mbar / bar	

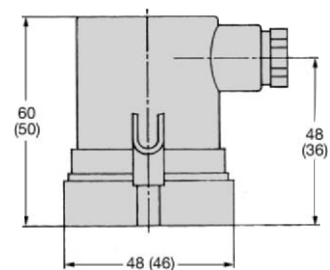
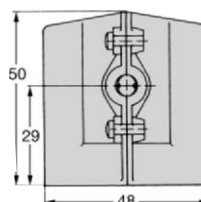
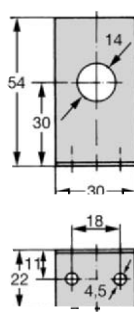
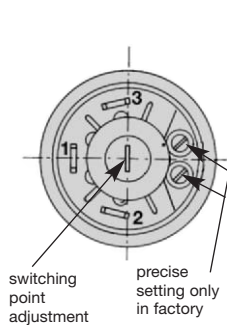
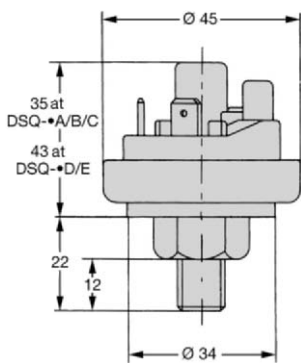
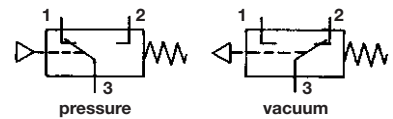
Pressure switch, pre-set, G ¹ / ₄				2 A at 24V DC or 6 A at 250V AC switchpoint 10% tolerance, NBR	DSQ-D*	
57	45	0.5	2.5 mbar	50 mbar	5 ... 200 mbar	DSQ-DA . . .
57	45	1	50 mbar	150 mbar	0.2 ... 1 bar	DSQ-DB . . .
57	45	10	200 mbar	600 mbar	0.5 ... 3 bar	DSQ-DC . . .
65	45	20	400 mbar	2 bar	1 ... 12 bar	DSQ-DD . . .



Vacuum switch, pre-set, G ¹ / ₄				2 A at 24V DC or 6 A at 250V AC switchpoint 10% tolerance	DSQ-V*	
57	45	-1	2.5 mbar	50 mbar	-5...-200 mbar	DSQ-VA . . .
57	45	-1	50 mbar	150 mbar	-200...-900 mbar	DSQ-VB . . .



Special options		add the appropriate letter or number		Accessories	
male thread G ¹ / ₈			1	DSQ- 1	
male thread SST	1.4401 stainless steel		S	DSQ- S	
increased overpressure	4 bar (< 1 bar range)	15 bar (> 3 bar range)	U	DSQ- U	
diaphragm	FKM: V	Silicon: L	EPDM: E	DSQ- E	
gold contact	100 mA at 24V DC		G	DS- G	
mounting bracket	SA-DS1	including nut	X	DS- X	
protection cap IP44	DS-KAP4	for cable Ø5	K4	DS- K4	
protection cap IP54	DS-KAP5	for cable Pg9	K5	DS- K5	
protection cap IP65	DS-KAP6	for cable Pg9	K6	DS- K6	
polyamide body	thread G ¹ / ₈		P	DS- P	
POM body	nipple Ø 6		Q	DS- Q	



* please indicate switchpoint on order

For your information:	1 bar: 14.5 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch	1 mbar: 0.4 inch H ₂ O	1 mbar: 0.01 m H ₂ O
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm	1 inch H ₂ O: 2.5 mbar	1 m H ₂ O: 98 mbar

Order example:
DSQ-DD500