

pressure and vacuum switches, ATEX series 901



design	diaphragm pressure switch with change over contact
connection	G1/4" male thread
materials	body brass, diaphragm NBR, protection cap plastic
application	compressed air, water, neutral gases, neutral oils (other media on request)
pressure setting	adjustment of the switch point by hand lever with scale
accuracy of the estimated value scale	+/- 10%
medium temperature	0...+85°C
ambient temperature	-20...+85°C
switching capacity DC with resistive load	max. 100mA/24VDC respectively 60mA/30VDC for operation in explosion-proof area a separation barrier or amplifier is required.
protection class	IP65 according to EN 60529 by correctly mounted cable inlet (protection against dust and splash water)
switching cycles	1 million switching cycles
bracket	by threaded connection or mounting bracket
scope of supply	with protection cap
approval	ATEX II 1/2G Ex ia IIB T4 Ga/Gb, ATEX II 2G Ex ia IIC T4 Gb, ATEX II 2D EX ia IIIB T135°C Db
accessories	mounting bracket
special version	other diaphragm materials, damping nozzle to reduce pressure shocks, better overpressure protection

pressure switch

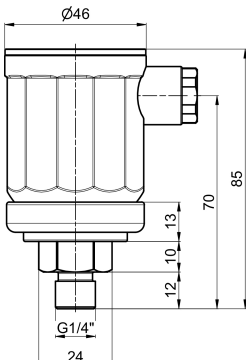
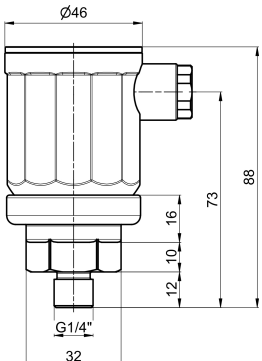
range of adjustment [mbar]	overpressure protection [bar]	app. hysteresis range [mbar] not adjustable	weight [kg]	type
10...50	0,5	5	0,16	901.62-111L6-EX
50...250	1	20	0,16	901.64-111L6-EX
250...1000	10	150	0,16	901.66-111L6-EX
1000...3000	10	500	0,16	901.68-111L6-EX

range of adjustment [bar]	overpressure protection [bar]	app. hysteresis range [bar] not adjustable	weight [kg]	type
1...6	25	0,5...2	0,24	901.91-111L6-EX
4...9	25	0,5...2	0,24	901.92-111L6-EX

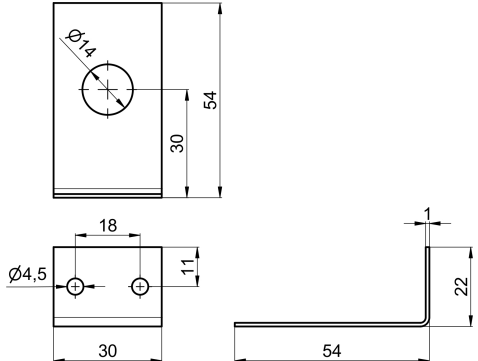
vacuum switch

range of adjustment [mbar]	overpressure protection [bar]	app. hysteresis range [mbar] not adjustable	weight [kg]	type
-10...-50	0,5	5	0,16	901.72-111L6-EX
-50...-125	0,5	20	0,16	901.74-111L6-EX
-100...-300	1	30	0,16	901.76-111L6-EX
-300...-700	1	75	0,16	901.78-111L6-EX

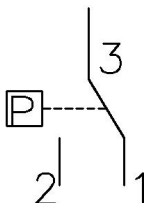
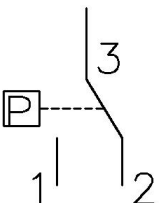
dimensions

type 901.6 / 901.7	type 901.9
	

accessories


mounting bracket Typ 6403

electrical connection

pressure switch	vacuum switch
	

illustrations are non-binding
all designs, configurations, measurements and materials are subject to change without prior notice