

Ordering

Pressure switches type **KP 35 and 36**

Setting range p_e [bar]	Differential [bar]	Permissible operating pressure p_e [bar]	Max. test pressure [bar]	Pressure connection	Contact material	Code no.	Type
-0.2 → 7.5	0.7 → 4	17	22	G ¼ A	Ag	060-113366	KP 35
					Au	060-504766	
2 → 14	0.7 → 4	17	22	G ¼ A	Ag	060-110866	KP 36
					Au	060-113766	
4 → 12	0.5 → 1.6	17	22	G ¼ A	Ag	060-122166	KP 36
					Au	060-114466	

Pressure switches type **KPI 35 - 38**

Setting range p_e [bar]	Differential [bar]	Permissible operating pressure p_e [bar]	Max. test pressure [bar]	Pressure connection	Contact material	Code no.	Type
-0.2 → 8	0.4 → 1.5	18	18	G ¼ A	Ag	060-121766	KPI 35
					Au	060-316466	
-0.2 → 8	0.5 → 2	18	18	G ¼ A	Ag	060-121966	KPI 35
4 → 12	0.5 → 1.6	18	18	G ¼ A	Ag	060-118966	KPI 36
					Au	060-113866	
2 → 12	0.5 → 1.6	18	18	G ¼ A	Ag	060-316966	KPI 36
8 → 28	1.8 → 6	30	30	G ¼ A	Ag	060-508166	KPI 38

Technical data

Description		KP 35, 36	KPI 35, 36	KPI 38
Ambient temperature °C		-40 °C - +65 °C (for short periods up to +80 °C)		
Media temperature °C		-40 °C - +100 °C		
Media		Gaseous media (also water, but only when mounted directly on the pipe - do not use capillary tube mounting).	Gaseous media and liquids	
Parts in contact with medium	Bellows	Tinbronze W.no. 2.1020 to DIN 17662	Tinbronze W.no. 2.1020 to DIN 17662	
	Pressure connector	Free-cutting steel (nickel plated) W. no. 1.0737 to EN 10277-3	Brass W. no. 2.0401 to DIN 17660	Free-cutting steel (nickel plated) W. no. 1.0737 to EN 10277-3
Contact system		Single-pole changeover switch (SPDT)		
Contact load, Ag contact set		Alternating current: AC-1: 16 A, 400 V AC-3: 16 A, 400 V AC-15: 10 A, 400 V Direct current: DC-13 12 W, 220 V		
Contact material AgCdO		Alternating current: AC-1: 10 A, 440 V AC-3: 6 A, 440 V AC-15: 4 A, 440 V Direct current: DC-13 12 W, 220 V		
Contact load, Au contact set		See information page 4		
Enclosure, IP 33 grade		Unit must be mounted on a flat surface/ a flat fitting and all unused holes covered		
Enclosure, IP 44 grade		Mounted as IP 33 plus fitting of top cover, code no. 060-109766		
Cable connection		Entry for 6-14 mm diameter cables		
Mounted on back plate/ wall bracket		Vibration proof in the range 0 to 1000 Hz, 4 g (1 g = 9.81 m/s ²)		
Mounted on angle bracket		Not recommended in areas where vibrations occur		
Approvals		EN 60 947-4,5 RINA, Registro Italiano Navale RMRS, Maritime Reg. of Shipping, Russia UL approved version are available CCC, China Compulsory Certificate		