

GENERAL CHARACTERISTICS

Mechanical Flow Switch for liquids or gaseous media, with contactless triggering of an adjustable reed switch. Rugged design in full PVC.

Glue fittings DN 15- 80 PVC

- * good repeatability
- * dirt-resistant
- * exact setting of switch via scale



PD-032TH060

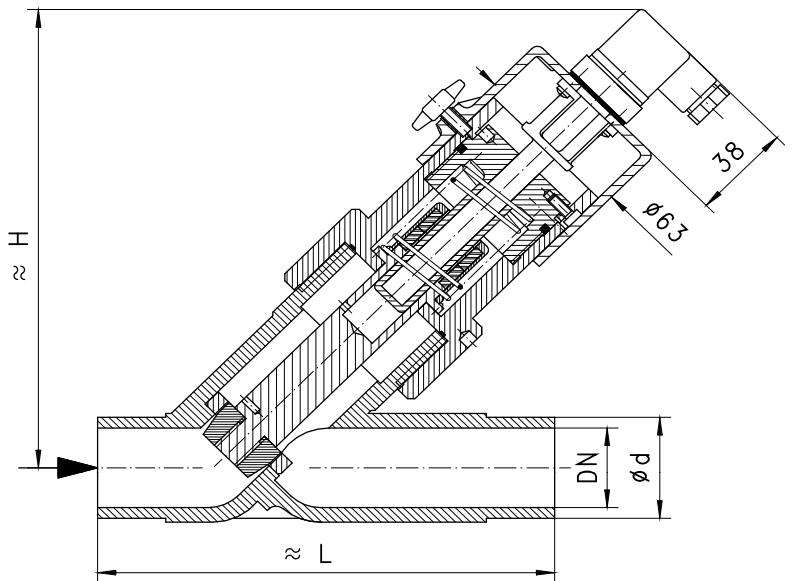
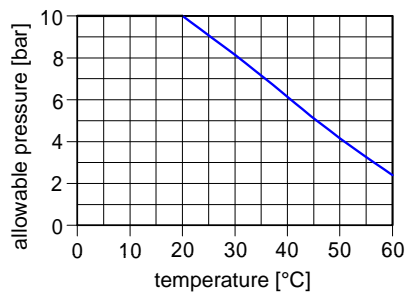
TECHNICAL DATA

	DN	Type	PN bar (20°C)	Qmax. recom.		adjustable range		d mm	H mm	L mm	weight kg
				l/min H ₂ O		l/min H ₂ O					
PVC	15	PD-015TH...	10	20	30	2 - 8	4 - 20	20	170	124	0.60
	20	PD-020TH...	10	40	60	4 - 20	10 - 40	25	174	144	0.65
	25	PD-025TH...	10	60	90	10 - 40	20 - 60	32	186	154	0.90
	32	PD-032TH...	10	100	130	20 - 60	30 - 100	40	196	174	1.00
	40	PD-040TH...	10	150	180	30 - 100	50 - 150	50	194	194	1.20
	50	PD-050TH...	10		250	50 - 150	100 - 200	63	194	224	1.45
	65	PD-065TH...	10		400	100 - 200	150 - 330	75	240	284	2.10
	80	PD-080TH...	10		600	150 - 300	330 - 500	90	240	300	3.20

Adjustable range is indicated for horizontally decreasing flow.

tolerance ±5% of full scale
 media temperature max. 60°C
 average pressure loss 0.5 bars at Qmax.
 hysteresis depending on switch value
 minimum 1 l/min.

Compressive load

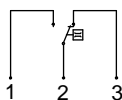


MATERIALS

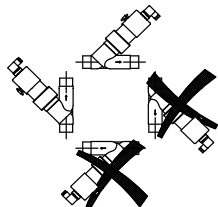
housing PVC
 piston PVC
 spring stainless steel 1.4310 Delta Tone/Sial coated
 body PVC
 seal viton
 cap ABS

ELECTRICAL DATA

reed switch - wiring 0.213 change over
250 V AC 1.5 A 50 VA
plug DIN 43650-A
protection class 2
protection class IP 44



MOUNTING POSITION



Installation position may influence switch value.

METERING SUBSTANCES



water



gas/air



oil

NOMENCLATURE

For combination see table "technical data"

PD-	015	T	H	008	basic type specification	
	015				nominal diameter	DN 15
	020					DN 20
	025					DN 25
	032					DN 32
	040					DN 40
	050					DN 50
	065					DN 65
	080					DN 80
		T				
			H			PVC design
				008	adjustable range H ₂ O horizontal	2 - 8 l/min
				020		4 - 20 l/min
				040		10 - 40 l/min
				060		20 - 60 l/min
				100		30 - 100 l/min
				150		50 - 150 l/min
				200		100 - 200 l/min
				300		150 - 300 l/min
				330	150 - 330 l/min	
				500	330 - 500 l/min	
Programme option BASIC					<input type="radio"/>	signal lamp protection class IP 65 Glue socket and flange version
Special option VARIO					<input type="checkbox"/>	setting / adjustable ranges for oil or gas selected hysteresis rhodium contact

IMPORTANT FOR YOUR ORDER

- Please indicate flow direction, metering substance and adjustable range with your order.
- With viscous liquids please indicate viscosity, temperature and metering substance (adjustable range on request)
- With gaseous media indicate pressure (relative or absolute), temperature and metering substance (adjustable range on request)

All technical changes reserved

●BASIC Standard ○BASIC Programme option □VARIO Special option ⊕ PLUS Accessories

~~X~~ not recommendable