

Pneumatic Actuator Spare Parts

REPAIR KITS

Model Code	Piston 2 pieces	Price (€)	Shaft 1 piece	Price (€)	Oring Repair Kit 1 piece	Price (€)	Delrin Repair Kit 1 set	Price (€)	Direction Indicator 1 set	Price (€)	Spring Set	Price Pcs (€)	Cover 2 pieces (left&right)	Price (€)
RA032DA	PST16AK000032-01	2	MILAKT03209	9	ORG30AK000032-01	2	DEL38AK000032-01	1	x		x	x	KPK16AK000032-01	2
RA040DA	PST16AK000040-01	7	MILAKT04009 MILAKT04011	10	ORG30AK000040-01	3	DEL38AK000040-01	2	GST60AKT040120	6	x	x 1	KPK16AKSAG040-01 KPK16AKSOL040-01	3
RA040SR	PST16AK000040-01	7	MILAKT04009 MILAKT04011	10	ORG30AK000040-01	3	DEL38AK000040-01	2	GST60AKT040120	6	YAY24AK000040-01	12 1	KPK16AKSAG040-01 KPK16AKSOL040-01	3
RA060DA	PST16AK000060-01	16	MILAKT06009 MILAKT06011 MILAKT06014	11	ORG30AK000060-01	3	DEL38AK000060-01	2	GST60AKT040120	6	x	x 1	KPK16AKSAG060-01 KPK16AKSOL060-01	4,5
RA060SR	PST16AK000060-01	16	MILAKT06009 MILAKT06011 MILAKT06014	11	ORG30AK000060-01	3	DEL38AK000060-01	2	GST60AKT040120	6	YAY24AK000060-01	12 1	KPK16AKSAG060-01 KPK16AKSOL060-01	4,5
RA080DA	PST16AK000080-01	20	MILAKT08009 MILAKT08011 MILAKT08014 MILAKT08017	13	ORG30AK000080-01	5	DEL38AK000080-01	3	GST60AKT040120	6	x	x 2	KPK16AKSAG080-01 KPK16AKSOL040-01	5
RA080SR	PST16AK000080-01	20	MILAKT08009 MILAKT08011 MILAKT08014 MILAKT08017	13	ORG30AK000080-01	5	DEL38AK000080-01	3	GST60AKT040120	6	YAY24AK000080-01	10 2	KPK16AKSAG080-01 KPK16AKSOL040-01	5
RA100DA	PST16AK000100-01	39	MILAKT10014 MILAKT10017 MILAKT10022	39	ORG30AK000100-01	4	DEL38AK000100-01	3	GST60AKT040120	6	x	x 2	KPK16AKSOL100-01 KPK16AKSAG100-01	7
RA100SR	PST16AK000100-01	39	MILAKT10014 MILAKT10017 MILAKT10022	39	ORG30AK000100-01	4	DEL38AK000100-01	3	GST60AKT040120	6	YAY24AK000100-01	10 2	KPK16AKSOL100-01 KPK16AKSAG100-01	7
RA120DA	PST16AK000120-01	69	MILAKT12017 MILAKT12022 MILAKT12027	60	ORG30AK000120-01	5	DEL38AK000120-01	5	GST60AKT040120	6	x	3	DEL38AK000120-01	9
RA120SR	PST16AK000120-01	69	MILAKT12017 MILAKT12022 MILAKT12027	60	ORG30AK000120-01	5	DEL38AK000120-01	5	GST60AKT040120	6	YAY24AK000120-01	10 3	KPK16AKSAG120-01 KPK16AKSOL120-01	9
RA143DA	PST17AK000143-01	100	MILAKT14317 MILAKT14322 MILAKT14327	117	ORG30AK000143-01	8	DEL38AK000143-01	12	GST60AKT143200	6	x	x	KPK16AKSAG120-01 KPK16AKSOL120-01	26
RA143SR	PST17AK000143-01	100	MILAKT14317 MILAKT14322 MILAKT14327	117	ORG30AK000143-01	8	DEL38AK000143-01	12	GST60AKT143200	6	YAY24AK000143	2 56	KPK17AKDA0143-01	42
RA160DA	PST17AK000160-01	160	MILAKT16022 MILAKT16027	117	ORG30AK000160-01	12	DEL38AK000160-01	30	GST60AKT143200	6	x	x	KPK17AKDA0160-01	33
RA160SR	PST17AK000160-01	160	MILAKT16022 MILAKT16027	117	ORG30AK000160-01	12	DEL38AK000160-01	30	GST60AKT143200	6	YAY24AK000160	2 140	KPK17AKSR0160-01	49
RA200DA	PST17AK000200-01	260	MILAKT20027 MILAKT20036	284	ORG30AK000200-01	20	DEL38AK000200-01	30	GST60AKT143200	6	x	x	KPK17AKDA0200-01	48
RA200SR	PST17AK000200-01	260	MILAKT20027 MILAKT20036	284	ORG30AK000200-01	20	DEL38AK000200-01	30	GST60AKT143200	6	YAY24AK000200	2 140	KPK17AKSR0200-01	78
RA270DA	PST17AK000270-01	427	MILAKT27055	580	ORG30AK000270-01	22	DEL38AK000270-01	40	x		x	x	KPK17AKDA0270-02	500
RA270SR	PST17AK000270-01	427	MILAKT27055	580	ORG30AK000270-01	22	DEL38AK000270-01	40	x		YAY24AK000350	2	KPK17AKSR0270-02	600
RA350DA	PST17AK000350-01	500	MILAKT35036 MILAKT35046 MILAKT35055	650	ORG30AK000350-01	30	DEL38AK000350-01	50	x		x	x	KPK17AKDA0350-02	700
RA350SR	PST17AK000350-01	500	MILAKT35036 MILAKT35046 MILAKT35055	650	ORG30AK000350-01	30	DEL38AK000350-01	50	x		YAY24AK000350	4	KPK17AKSR0350-02	980



Measurement and Control

VARIABLE AREA FLOWMETER

SKT SERIES

Standard	Optional
Material : Trogamid	Material : Polysulfone
Temperature : Max. 60°C	Temperature : Max. 100°C
Pressure : Max. 10 Bar (at 20°C)	Special Scales : m ³ /h, %, l/min.
Liquid : Water, waste water, pool water, air, gas	Output : Switch or 4-20 mA

Type	Connection Size	Measuring Range	Price (€)
SKT-1150	DN 25	15- 150 l/h	226
SKT-1500	DN 25	50- 500 l/h	226
SKT-1999	DN 25	100/1000 l/h	229
SKT-1020	DN 40	200-2000 l/h	273
SKT-1030	DN 40	300-3000 l/h	351
SKT-1060	DN 50	600-6000 l/h	434
SKT-1120	DN 50	1200-12000 l/h	464
SKT-1200	DN 65	2000-20000 l/h	845
SKT-1300	DN 65	3000-30000 l/h	845
SKT-1600	DN 65	8000-60000 l/h	847



VARIABLE AREA FLOWMETER

SKP SERIES

Standard	Optional
Material : Trogamid	Material : Polysulfone
Temperature : Max. 100°C	Temperature : Max. 60°C
Pressure : Max. 10 Bar (at 20°C)	Special Scales : m ³ /h, %, l/min.
Liquid : Water, waste water, pool water, air, gas	Output : Switch or 4-20 mA

Type	Connection Size	Measuring Range	Price (€)
SKPk-1015	DN 10	1,5- 15 l/h	229
SKPk-1025	DN 10	2,5- 25 l/h	229
SKPk-1050	DN 10	5/50 l/h	229
SKPk-1100	DN 10	10-100 l/h	229
SKPk-1150	DN 15	15-150 l/h	235
SKPk-1300	DN 25	30-300 l/h	270
SKPk-1500	DN 25	50-500 l/h	270
SKPk-1999	DN 25	100-1000 l/h	270



VARIABLE AREA FLOWMETER

PT SERIES

Standard	Optional
Material : Trogamid	Material : Polysulfone
Temperature : Max. 65°C	Temperature : Max. 90°C
Pressure : Max. 6 Bar	Special Scales : m ³ /h, %, l/min.
Liquid : Water, waste water, pool water, air, gas	Output : Switch or 4-20 mA

Type	Connection Size	Measuring Range	Price (€)
PTII	DN 25	160-1600 l/h	220
PTII	DN 25	250-2500 l/h	220
PTII	DN 40	400-4000 l/h	285
PTII	DN 40	500-6300 l/h	285
PTII	DN 50	1000-10000 l/h	376
PTII	DN 65	1600-16000 l/h	727
PTII	DN 65	2000-20000 l/h	727
PTII	DN 65	2500-25000 l/h	727
PTII	DN 65	3000-30000 l/h	727
PTII	DN 65	6000-40000 l/h	727
PTII	DN 65	8000-50000 l/h	727



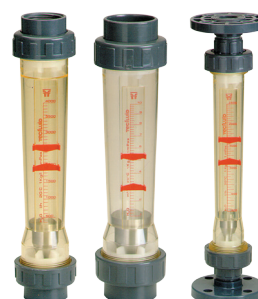
Measurement and Control

VARIABLE AREA FLOWMETER

PSM SERIES

Standard		Optional	
Material	: Trogamid	Material	: Polysulfone
Temperature	: Max. 90°C	Temperature	: Max. 60°C
Pressure	: Max. 10 Bar (at 20°C)	Special Scales	: m ³ /h, %, l/min.
Liquid	: Water, waste water, pool water, air, gas	Output	: Switch or 4-20 mA

Type	Connection Size	Measuring Range	Price (€)
PSM21	DN 15	4-40 l/h	201
PSM21	DN 15	6-60 l/h	201
PSM21	DN 15	10-100 l/h	201
PSM21	DN 15	16-160 l/h	201
PSM21	DN 15	25-250 l/h	201
PSM21	DN 20	40-400 l/h	218
PSM21	DN 20	60-630 l/h	218
PSM21	DN 20	100-1000 l/h	218



VARIABLE AREA FLOWMETER

UKV SERIES

Standard		Optional	
Material	: Acrylic	Connection	: Stainless Steel, without flow adjustment
Connection	: Brass		
Temperature	: Max. 65°C		
Pressure	: Max. 6 Bar		
Accuracy	: 5%, 3%		
Liquid	: Water, waste water, pool water, air, gas		

Type	Connection Size	Measuring Range (Water)	Measuring Range (Air)	Price (€)
UKV-020GM	1/8"	0.2 .. 80 l/h	0.04 .. 25 NI/min	189
UKV-040GM	1/8"	0.2 .. 220 l/h	0.1 .. 100 NI/min	250



METAL TUBE VARIABLE AREA FLOWMETER

M-21 SERIES

Standard		Optional	
Body	: 316L Stainless Steel	Pressure	: 40 .. 400 bar
Float	: 316L Stainless Steel	Connection	: Clamp, Sanitary
Connection	: Threaded	Output	: Switch, 4-20 mA, 3-15 psi, totalizer
Temperature	: 180°C	Liquid	: Acid, base, oil, gas
Pressure	: PN16 with valve, PN40 without valve		
Accuracy	: 4%		
Liquid	: Water, air		

Type	Connection Size	Measuring Range (Water)	Price (With Valve) (€)	Price (Without Valve) (€)
M-21 (for water)	1/4"	0.4 .. 100 l/h	993	856
	1/2"	16 .. 630 l/h	1006	930
	3/4"	100 .. 1000 l/h	1128	1029
M-21 (for air)	1/4"	18 .. 3000 l/h	993	856
	1/2"	500 .. 18000 l/h	1006	930
	3/4"	3000 .. 30000 l/h	1128	1029



Measurement and Control

VARIABLE AREA FLOWMETER

SC-250 SERIES

Standard

Body : 316L Stainless Steel
Float : 316L (Water), PVC (Air)
Connection : Flanged
Temperature : Max. 200°C (Water), 50°C (Air)
Pressure : 16 Bar
Accuracy : 3%
Output : -
Others : -
Liquid : Water, Air

Optional

Body : PVC
Float : PP, PTFE
Pressure : 40 .. 400 Bar
Temperature : Max. 90°C (PP), 150°C (PTFE)
Connection : Threaded, Clamp, Sanitary
Accuracy : 1.60%
Output : Switch, 4-20 mA, 3-15 psi, totalizer
Others : Exproof, Hard Protocol
Liquid : Acid, base, oil, gas



Type	Connection Size	Measuring Range	Price (€)
SC250 (for water)	DN 15	2,5 .. 600 l/h	1346
	DN 25	100 .. 4000 l/h	1267
	DN 40	400 .. 8000 l/h	1382
	DN 50	0,8 .. 15 m³/h	1630
	DN 65	1,5 .. 20 m³/h	1797
	DN 80	2 .. 30 m³/h	2062
	DN 100	4 .. 60 m³/h	2252
	DN 125	8 .. 120 m³/h	2492
SC250 (for air)	DN150	20 .. 180 m³/h	3356
	DN 15	0,4 .. 20 Nm³/h	1294
	DN 25	1,6 .. 100 Nm³/h	1335
	DN 40	5 .. 140 Nm³/h	1484
	DN 50	15 .. 325 Nm³/h	1705
	DN 65	25 .. 400 Nm³/h	1880
	DN 80	40 .. 600 Nm³/h	2178
	DN 100	60 .. 1000 Nm³/h	2400
	DN 125	150 .. 1500 Nm³/h	2714
	DN150	250 .. 2600 Nm³/h	3657

Type	Description	Price (€)
AMD	250 VAC (3VA) Switch	235
TH5	4-20 mA Output	719
TH5T	4-20 mA Output and Totalizer	820
TH5H	Hard Protocol	895
TH5Ex	Exproof 4-20 mA Output	989

FLOW INDICATOR

CV SERIES

Standard

Connection : G1/4" .. G2"
Connection Material : Brass
Pressure : Max. 25 bar
Liquid : Water, air, oil, gas, acid...

Optional

Connection Material : Stainless steel, Aluminium

Type	Connection Size	Measuring Range	Price (€)
CV	G1/4"	0,6 - 10 l/min.	56
	G3/8"	1,2 - 20 l/min.	80
	G1/2"	1,2 - 40 l/min.	84
	G3/4"	2,1 - 60 l/min.	144
	G1"	2,1 - 80 l/min.	153
	G1 1/4"	3,5 - 120 l/min.	572
	G1 1/2"	3,5 - 160 l/min.	572
	G2"	7 - 190 l/min.	680



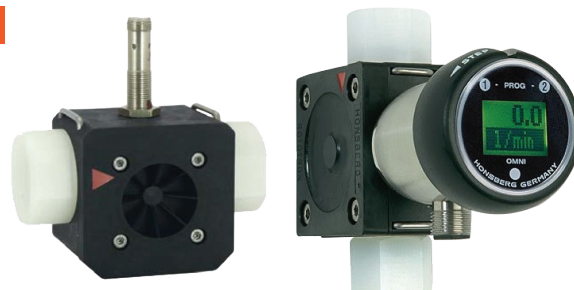
Measurement and Control

TURBINE FLOWMETER

RRI SERIES

Standard		Optional	
Body	: PPS	Body	: PVDF, Brass, Stainless Steel
Connection	: Female Threaded	Connection	: Male Threaded
Connection Material	: PVDF	Connection Material	: Brass, Stainless Steel
Accuracy	: 1%	Accuracy	: -
Pressure	: 16 Bar	Pressure	: -
Temperature	: Max. 60°C	Temperature	: -
Output	: PNP, NPN	Output	: 4-20 mA, 0-10 V, Switch, Frequency
Liquid	: Water, oil (10 cSt)	Liquid	: Air, gas

Type	Connection Size	Measuring Range	Price (€)
RRI-010GVQ	3/8"	0,1 .. 12 l/min.	548
RRI-010GVV	3/8"	0,1 .. 12 l/min.	669
RRI-025GVQ	1"	2 .. 100 l/min.	776
RRI-025GVV	1"	2 .. 100 l/min.	1172



TURBINE FLOWMETER

FMTD SERIES

Standard		Optional	
Body	: ABS Plastic	Display	: Instantaneous and total
Connection	: 6 mm .. 1"	Output	: 4-20 mA
Pressure	: 17 Bar		
Temperature	: Max. 80°C		
Output	: NPN Pulse		
Accuracy	: 2%		
Liquid	: Water, alcohol, nonviscous liquid, aggressive liquid		

Type	Connection Size	Measuring Range	Price (€)
FMTD.008	6 mm Nozzle, 1/4"	0,1 .. 3 l/min.	72
FMTD.015	1/2"	1 .. 30 l/min.	85
FMTD.020	3/4"	3 .. 50 l/min.	98
FMTD.025	1"	5 .. 60 l/min.	136
FMTD.032	1 1/4"	3 .. 120 l/min.	156

Description	Price (€)
Pulse / Current Convertor (Rail Type)	143
Instantaneous Flow Indicator (36x72) 1 Relay	126



PADDLE WHEEL FLOWMETER

FSE SERIES

Standard		Optional	
Body	: PTFE, SS316, CPVC	Output	: 4-20 mA
Measuring Range	: 0,3 .. 6 m/s		
Accuracy	: 0.50%		
Output	: NPN Pulse		
Liquid	: Water, alcohol, nonviscous liquid, aggressive liquid		

Type	Connection	Body	Temperature (°C)	Pressure (Bar)	Price (€)
FSE-CPVC	SHORT	CPVC	85 °C	10	899
FSE-CPVC	LONG				1061
FSE-PTFE	SHORT	PTFE	100 °C	10	1142
FSE-PTFE	LONG				1304
FSE-SS316	SHORT	SS316	100 °C	16	1142
FSE-SS316	LONG				1304



Measurement and Control

TURBINE FLOWMETER

TM-44 SERIES

Standard		Optional	
Body	: SS316L	Body	: -
Connection	: Stainless Steel	Connection	: -
Connection Material	: SS316L	Connection Material	: -
Accuracy	: 0.50%	Accuracy	: -
Pressure	: 10- 40 Bar	Pressure	: PN200
Temperature	: -50 .. 130 Derece	Temperature	: -100 .. 200 °C
Output	: 10- 6200 mV (According to flow range)	Output	: 4-20 mA, 0-10 V, Switch, Frequency
Liquid	: Water, oil, alcohol, aggressive liquid	Liquid	: -



TM44+Caja Application

Type	Connection Size	Measuring Range	Price (€)
TM-44	DN 15	0,3 .. 3 m³/h	1602
	DN 20	0,6 .. 6 m³/h	1762
	DN 25	0,9 .. 13,5 m³/h	1973
	Others	On Request	Ask for Price

TURBINE FLOWMETER

LWGY SERIES

Standard		Optional	
Body	: SS304 Stainless Steel	Accuracy	: %1 ; % 0.2
Connection	: 3/8" .. 8" Threaded / Flanged	Temperature	: -40 .. 150 °C
Connection Material	: SS304 Stainless Steel	Output	: 4-20 mA; RS- 485; HART
Accuracy	: 0.5%	Ex-Proof	: Ex d II B T6 Flameproof
Pressure	: 63 Bar	Display	: -
Temperature	: -40 .. 120 °C		
Output	: Pulse		
Liquid	: Water, alcohol, nonviscous liquid		



Type	Connection Size	Measuring Range	Price (€)
TDSS	G 3/8"	0,6 .. 4,5 lt/min	1560
	G 1/2"	1,5 .. 20 lt/min	650
	G 1"	10 .. 133 lt/min	559
	G 1 1/2"	16 .. 165 lt/min	585
	G 2"	25 .. 335 lt/min	780
	DN50 Flanged	4 .. 40 m³/h	1248
Others	On Request	On Request	Ask for Price

DIGITAL FLOW INDICATOR

TORK604/ E1200 SERIES

Standard		Optional	
Body	: Plastic	Connection	: RS485
Input	: 0-5 V DC, 0-10 V DC, 4-20 mA; Pulse; PT100; mV	Software	: -
Output	: 4-20 mA; Pulse; Relay	Calculation	: IAPWS-IF97 (for BAB216)
Calculation	: IAPWS-IF97 (for BAB216)		

Type	Input	Output	Price (€)
TORK604	2 x Pulse	2 x Relay, RS485	156
E1200-1-0-0-0	Pulse, mA, mV	1 x Relay, 1 x (0) 4-20 mA	352
E1200-1-1-0-0	Pulse, mA, mV	1 x Relay, 1 x (0) 4-20 mA	369
Others	On Request	On Request	Ask for Price



Measurement and Control

ELECTROMAGNETIC FLOWMETER

FLOMAT SERIES

Standard	Optional
Body : -	Body : Titanium, Zirconium, Stainless Steel
Electrode : Hasteloy C	Electrode : -
Pressure : PN 16	Pressure : PN 40
Temperature : -20°C..130°C	Temperature : -
Accuracy : 3,50%	Accuracy : -
Liquid : Water, waste water, acid, base, (min conductivity : 20 QS/cm)	Liquid : -

Type	Connection Size	Measuring Range	Price (€)
FLOMAT	DN40 .. DN65	2,5 .. 50 m/h	880
	DN80 .. DN400	9 .. 2000 m/h	798
	DN500 .. DN1000	300 .. 15000 m/h	853
	DN1200 .. DN2000	2000 .. 50000 m/h	911



ELECTROMAGNETIC FLOWMETER

FLOMID SERIES

Standard	Optional
Body : Stainless Steel	Body : -
Electrode : Hasteloy C	Electrode : Titanium, Zirconium, Stainless Steel
Lineer : Ebonite	Lineer : PTFE, PVDF, PP
Pressure : PN 16	Pressure : PN 250
Temperature : -20°C..120°C	Temperature : -
Accuracy : %0,5	Accuracy : -
Liquid : Water, waste water, acid, base (min conductivity : 20 QS/cm)	Liquid : -
Connection : DIN 2501 Flanged / Wafer; Sanitary	Connection : -

Type	Connection Size	Measuring Range	Price (€)
FLOMID 2 FX	DN 32	0,13 .. 1,3 m³/h	1532
	DN 40	0,3 .. 3 m³/h	1645
	DN 50	0,6 .. 6 m³/h	1769
	Others	On Request	Ask for Price



CONVERTOR

Standard	Optional
Body : Stainless Steel	Body : -
Electrode : Hasteloy C	Elektrod : Titanium, Zirconium, Stainless Steel
Lineer : Ebonite	Lineer : PTFE, PVDF, PP
Pressure : PN 16	Pressure : PN 250
Temperature : -20°C..120°C	Temperature : -
Accuracy : %0,5	Accuracy : -
Liquid : Water, waste water, acid, base (min conductivity : 20 QS/cm)	Liquid : -
Connection : DIN 2501 Flanged / Wafer; Sanitary	Connection : -

Type	Output	Description	Price (€)
XT5	4-20 mA, Pulse	With compact sensor	923
XT5-M	4-20 mA, Pulse	Panel mounted + 10 m cable	1067
XT5-H	HART Protocol	Hart Protocol	1092
XT5-HM	HART Protocol	Panel mounted	1236
MX	4-20 mA, Pulse, Switch	With compact sensor	1247
MX-M	4-20 mA, Pulse, Switch	Panel mounted	1627

Measurement and Control

ELECTROMAGNETIC FLOWMETER

MF-LITE SERIES

Standard	Optional
Electrode : SS316	Electrode : Titanium, Tantalum, Hasteloy C
Pressure : PN 16, PN25	Pressure : PN 40, PN25
Temperature : -10°C..150°C	Temperature : -
Accuracy : 2%	Accuracy : 0.5%
Liquid : Water, waste water, acid, base (min conductivity : 20 QS/cm)	Liquid : -
Output : 2x pulse, RS485	



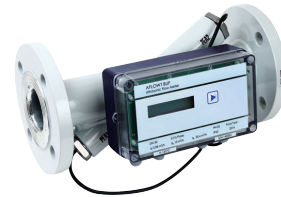
Type	Connection Size	Price (€)
MF-LITE	DN15 Wafer	1012
	DN20 Flanged	1174
	DN25 Flanged	1174
	DN32 Flanged	1205
	DN40 Flanged	1260
	DN50 Flanged	1314
	DN65 Flanged	1425
	DN80 Flanged	1490
	DN100 Flanged	1636
	DN150 Flanged	2025
	DN200 Flanged	3548
	DN300 Flanged	7863

ULTRASONIC FLOWMETER

BUF SERIES

Standard
Connection : Flanged
Display : LCD
Measuring Range: 0,04 - 5 m/ s
Power Supply : Battery operated
Accuracy : 2%
Output : RS485, Frequency

Connection Size	Price (€)
DN50	1054
DN65	1152
DN80	1247
DN100	1419



ULTRASONIC FLOWMETER

CU SERIES

Standard	Optional
Sensor : Anodize Aluminium	Guide : 500 mm guide/transducer straps
Display : ABS Plastic	Cable : 6m, 10m, 15m, 20m, 30m, 40m, 50m
Measuring Range : 0.2 - 12 m/ s	
Power Supply : 85- 265 VAC	
Accuracy : %1,5 O.D 0,02 m/s	
Output : 4-20 mA, Relay	
Cable : 5 m	

Type	Connection Size	Price (€)
CU100 (0100-0700)	DN80 .. DN700	3346
CU100 (0800-2000)	DN800 .. DN2000	3484



Measurement and Control

PORTABLE ULTRASONIC FLOWMETER

TUF2000H SERIES

Standard	Optional
Body : ABS Plastic	Temperature : -40 .. 175 C
Sensor Material : Plastic	Cable : On Request
Connection : DN15 .. DN6000	
Accuracy : 0.5%	
Temperature : -40°C .. 110°C	
Output : RS-232	
Cable : 5 m	
Datalogger : 2000 Data	

Type	Connection Size	Price (€)
TUF2000H-15-100	DN15 .. DN100	1920
TUF2000H-50-1000	DN50 .. DN1000	1920
TUF2000H-800-6000	DN800 .. DN6000	2730
TUF2000H-15-1000	DN15 .. DN1000	2080
TUF2000H-15-6000	DN15 .. DN6000	2860



GEAR WHEEL FLOWMETER

VHZ SERIES

Standard	Optional
Body : Aluminium	Body : Stainless Steel
Thread : Stainless Steel	Display : -
Pressure : 200 Bar	Pressure : -
Temperature : -25°C .. 80°C	Temperature : -25 .. 120°C
Output : PNP, NPN	Output : 4-20 mA, 0-10 V, Switch, Frequency
Accuracy : 3%	
Liquid : Water, oil, viscose liquid	

Type	Connection Size	Measuring Range	Price (€)
VHZ-008GA	1/4"	0,02 .. 2 l/min.	1709
VHZ-010GA	3/8"	0,1 .. 6 l/min.	1622
VHZ-020GA	3/4"	0,5 .. 50 l/min.	1864
VHZ-025GA	1"	3 .. 150 l/min.	3577
VHZ-008GK	1/4"	0,02 .. 2 l/min.	2350
VHZ-010GK	3/8"	0,1 .. 6 l/min.	2470



SCREW FLOWMETER

VHS SERIES

Standard	Connection Size
Body : Aluminium	Body : Molding, Steel, Stainless Steel
Screw : Steel	Pressure : 350 Bar
Pressure : 160 Bar	Temperature : Max. 150°C
Temperature : -25°C .. 80 °C	Output : 4-20 mA, 0-10 V, Switch, Frequency
Output : PNP, NPN	
Accuracy : 1%	
Liquid : Water, oil, viscose liquid	

Type	Connection	Measuring Range	Price (€)
VHS-025GA0A0140VB	1"	1,4 .. 140 l/min.	1644
VHS-032GA0A0350VB	1 1/4"	3,5 .. 350 l/min.	2284
VHS-040GA0A0800VB	1 1/2"	8 .. 800 l/min.	3509
VHS-050GA0A1500VB	2"	15 .. 1500 l/min.	Ask for Price
VHS-065GA0A2500VB	2 1/2"	25 .. 2500 l/min.	Ask for Price
Others	On Request	On Request	Ask for Price



Measurement and Control

CALORIMETRIC FLOWMETER

FLEX- FIN VE OMNI- FIN SERIES

Standard

Body : Stainless Steel
Temperature : Max. 70 °C
Pressure : Max. 10 Bar
Output : 4-20 mA, 0-10 V, NPN, PNP, Frequency

Type	Connection Size	Measuring Range	Price (€)
FLEX-FIN	6mm-8mm-10mm	0,01 .. 10 l/min.	720
OMNI-FIN	6mm-8mm-10mm	0,01 .. 10 l/min.	952



TURBINE FLOWMETER

VISION SERIES

Standard

Body : Grilamid
Turbine : PA12
Temperature : -20°C..100 °C
Pressure : Max. 25 Bar
Output : NPN Pulse
Accuracy : 3%
Power Supply : 5-24 V DC

Type	Connection Size	Measuring Range	Price (€)
VISION-F01	3/8"	0,5 .. 5 l/min.	74
VISION-F02	3/8"	0,5 .. 7,5 l/min.	74
VISION-F03	3/8"	1 .. 10 l/min.	74
VISION-F04	3/8"	1 .. 15 l/min.	74
VISION-F05	3/8"	1 .. 25 l/min.	74
VISION-F06	3/8"	2 .. 35 l/min.	74
VISION-F66	1/4"	0,1 .. 2,5 l/min.	74



PISTON TYPE FLOW SWITCH

HD1K/ HD2K SERIES

Standard

Material : Brass, Nickel Plated
Piston : Brass
Pressure : 200 Bar
Temperature : Max. 120 °C
Output : NO or NC
Liquid : Water, air, oil, gas

Optional

Material : 316 Stainless Steel
Piston : 316 Stainless Steel
Others : Display, Analog Output, Ex-proof

Type	Connection Size	Measuring Range	Price (€)
HD1K-008GM	1/4"	0,5 .. 5 l/min.	506
HD1K-010GM	3/8"	0,5 .. 10 l/min.	514
HD1K-015GM	1/2"	1 .. 30 l/min.	524
HD1K-020GM	3/4"	3 .. 40 l/min.	578
HD1K-025GM	1"	4 .. 40 l/min.	588
HD2K-008GM	1/4"	0,5 .. 8 l/min.	718
HD2K-010GM	3/8"	0,5 .. 15 l/min.	745
HD2K-015GM	1/2"	0,5 .. 25 l/min.	753
HD2K-020GM	3/4"	0,5 .. 40 l/min.	756
HD2K-025GM	1"	0,5 .. 60 l/min.	768



Measurement and Control

PADDLE TYPE FLOW SWITCH

UR SERIES

Standard

Body : Brass, Stainless Steel
Paddle : Stainless Steel
Output : NO or NC
Liquid : Water, oil, air, gas

Type	Connection Size	Body	Temperature	Price (€)
URI-015 HM	DN15 .. DN40	Brass	Max. 110°C	175
URI-015 HK	DN15 .. DN40	Stainless Steel	Max. 110°C	422
URI-032 HM	DN50 .. DN80	Brass	Max. 110°C	212
URI-032 HK	DN50 .. DN80	Stainless Steel	Max. 110°C	464



PADDLE TYPE FLOW SWITCH

UR SERIES

Standard

Body : Brass (Optional: Stainless Steel)
Paddle : Stainless Steel
Output : NO or NC
Liquid : Water, oil, air, gas

Type	Connection Size	Body	Temperature	Pressure (Bar)	Price (€)
URI-010GM	3/8"	Brass	Max. 110°C	PN 25	207
URI-015GM	1/2"	Brass	Max. 110°C	PN 25	207
URI-020GM	3/4"	Brass	Max. 110°C	PN 25	207
URI-025GM	1"	Brass	Max. 110°C	PN 25	210
URI-032GM	1 1/4"	Brass	Max. 110°C	PN 25	252
URI-040GM	1 1/2"	Brass	Max. 110°C	PN 25	281
URI-050GM	2"	Brass	Max. 110°C	PN 25	403



Type	Connection Size	Body	Temperature	Pressure (Bar)	Price (€)
UR2-010GM	3/8"	Brass	Max. 80°C	PN 10	175
UR2-015GM	1/2"	Brass	Max. 80°C	PN 10	175
UR2-020GM	3/4"	Brass	Max. 80°C	PN 10	175
UR2-025GM	1"	Brass	Max. 80°C	PN 10	183
UR2-015AP	1/2"	Plastic	Max. 80°C	PN 10	154

PADDLE TYPE FLOW SWITCH

TORK-PFS SERIES

Standard

Connection Material : Brass
Connection : 1" Male Threaded
Paddle : Stainless Steel
Head Material : ABS Plastic
Output : NO or NC

Type	Connection Size	Measuring Range	Price (€)
TORK-PFS025HM	DN25 .. DN200	0,2 .. 165,7 m³/h	70



Measurement and Control

PADDLE TYPE FLOW SWITCH

CRG SERIES

Standard

Connection Material : Brass, Stainless Steel
 Connection : 1" Male Threaded
 Paddle : Stainless Steel
 Head Material : ABS Plastic
 Output : NO or NC

Type	Connection Size	Measuring Range	Price (€)
CRG-025HM (Brass)	DN25 .. DN200	0,2 .. 165,7 m ³ /h	347
CRG-025HK (Stainless Steel)	DN25 .. DN200	0,2 .. 165,7 m ³ /h	657
AFS for Air	HVAC Application	1m ³ /sn .. 2,5m ³ /sn	Ask for Price



PFS



AFS

Stainless Steel

TORK- SM SERIES

Type	Connection Size	Body	Temperature	Switch	Price (€)
TORK-SM01	1/2"	PP	-25 .. 100°C	NO or NC	40
TORK-SM02	1/2"	PA12	-25 .. 100°C	NO or NC	60
RWI-016PVK	M 16 X 1,5	PVDF	Max. 130°C	NO or NC	80



TORK - F1



MWI

FLOAT LEVEL SWITCH

TORK-F / MWI SERIES

Type	Connection Size	Body	Temperature	Pressure	Switch	Price (€)
TORK-F1	DN 50 Square Flanged	AlSi316	-20 .. 150°C	PN 16	NO or NC	159
TORK-ExF1 (Ex-Proof)	DN 50 Square Flanged	AlSi316	-20 .. 150°C	PN 16	NO or NC	356
TORK-MF1	1/23 Male Threaded	AlSi304	-20 .. 125°C	2 Bar	NO or NC	114

Type	Connection Size	Body	Temperature	Pressure	Switch	Price (€)
MWI HM	1"	Brass	Max. 180°C	PN 15	NO or NC	291
MWI HK	1"	AlSi304	Max. 180°C	PN 15	NO or NC	466

Measurement and Control

FLOAT LEVEL SWITCH

ATMI SERIES

Temperature : Max. 70°C
Pressure : Max. 3.5 Bar

Type	Cable	Body	Density	Pressure	Price (€)
TORK-BA 20.02	2 m	PP	Fluid 0,7 .. 1,5 gr/cm ³ +/- 20°C	NO or NC	96
TORK-BA 20.05	5 m	PP	Fluid 0,7 .. 1,5 gr/cm ³ +/- 20°C	NO or NC	118
TORK-BA 20.10	10 m	PP	Fluid 0,7 .. 1,5 gr/cm ³ +/- 20°C	NO or NC	133
TORK-BT 10.03	3 m	Neopren	Fluid 0,7 .. 1,15 gr/cm ³ +/- 110°C	NO or NC	33
TORK-BT 10.05	5 m	Neopren	Fluid 0,7 .. 1,15 gr/cm ³ +/- 110°C	NO or NC	38
TORK-BT 10.10	10 m	Neopren	Fluid 0,7 .. 1,15 gr/cm ³ +/- 110°C	NO or NC	51
TORK-BT 10.20	20 m	Neopren	Fluid 0,7 .. 1,15 gr/cm ³ +/- 110°C	NO or NC	80
TORK-SA 300.05	5 m	Hypalon	Fluid +/- 25°C 0,8 .. 1,1 gr/cm ³	NO or NC	232
TORK-SA 300.10	10 m	Hypalon	Fluid +/- 25°C 0,8 .. 1,1 gr/cm ³	NO or NC	311
TORK-SA 400.05	5 m	Hypalon	Fluid +/- 25°C 0,8 .. 1,1 gr/cm ³	NO or NC	346
TORK-SA 400.10	10 m	Hypalon	Fluid +/- 25°C 0,8 .. 1,1 gr/cm ³	NO or NC (Ex-Proof)	424
TORK-SL 10.05	5 m	Neopren	For Solid	NO or NC	209
TORK-SL 10.10	10 m	Neopren	For Solid	NO or NC	263
TORK-SHA 10.05	5 m	EPDM-ACS	For Fluid	NO or NC (Hygienic)	198
TORK-SHA 10.10	10 m	EPDM-ACS	For Fluid	NO or NC (Hygienic)	263



FLOAT LEVEL SWITCH

NM SERIES

Type	Connection Size	Probe Length	Body	Temperature	Pressure	Switch	Price (€)
NM-007HP	1/4"	40 mm	PP	60 °C	PN 5	NO or NC	55
NM-004HK	1/8"	50 mm	AISI 316	105 °C	PN 15	NO or NC	82
NM-008HK	3/8"	75 mm	AISI 316	105 °C	PN 40	NO or NC	148



TORK-MS SERIES

Type	Connection Size	Probe Length	Body	Temperature	Pressure	Switch	Price (€)
TORK-MS20	M 10 Male Threaded	60 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	51



Measurement and Control

FLOAT LEVEL SWITCH

TORK-MS SERIES

Type	Connection Size	Probe Length	Body	Temperature	Pressure	Switch	Price (€)
TORK-MS 30	1/2"	100 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	82
	1/2"	200 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	89
	1/2"	300 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	94
	1/2"	400 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	99
	1/2"	500 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	104



Type	Connection Size	Probe Length	Body	Temperature	Pressure	Switch	Price (€)
TORK-MS 40	1"	100 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	103
	1"	200 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	108
	1"	300 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	113
	1"	400 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	119
	1"	500 mm	AISI 304	Max. 125°C	2 Bar	NO or NC	124



FLOAT LEVEL SWITCH

TORK-LS SERIES

Connection Material : Carbon Steel, Stainless Steel (Optional)

Tube and Float : Stainless Steel

Junction Box : Aluminium Injection, Exproof Junction Box (Optional)

Type	Connection Size	Temperature	Pressure	Probe Length	Price (€)
TORK-LS 20	DN 50 Flanged / 2" Threaded	Max. 150°C	PN 10	100 mm	226
				200 mm	231
				300 mm	233
				400 mm	238
				500 mm	243
				600 mm	248
				700 mm	250
				800 mm	255
				900 mm	261
				1000 mm	266
TORK-LS 30	DN 50 Flanged / 2" Threaded	Max. 150°C	PN 10	300 mm	510
				500 mm	538
				700 mm	572
				1000 mm	620
				1100 mm	638
				1200 mm	652
				1300 mm	669
				1400 mm	683
				1500 mm	700
				1600 mm	719
				1700 mm	733
				1800 mm	750
				1900 mm	764
				2000 mm	783
				2500 mm	863
				3000 mm	945
				3500 mm	1026
				4000 mm	1109



Measurement and Control

By-Pass LEVEL INDICATOR / SWITCH

TORK-MLG SERIES

Type	Connection Size	Temperature	Pressure	Probe Length	Price (€)
TORK-MLG	"DN 15, DN 20, DN 25 Flanged 1/2", 3/4" Threaded	Max. 150°C	PN 10	300 mm	243
				500 mm	276
				700 mm	309
				1000 mm	358
				1100 mm	373
				1200 mm	390
				1300 mm	406
				1400 mm	423
				1500 mm	439
				1600 mm	455
				1700 mm	469
				1800 mm	487
				1900 mm	503
				2000 mm	520
				2500 mm	597
				3000 mm	682
				3500 mm	707
				4000 mm	783



VIBRATING LEVEL SWITCH

LD SERIES

Type	Connection Size	Body	Temperature	Pressure	Switch	Price (€)
LD 60 (Solid)	1"	AISI 316L	-30 .. 115°C	PN 16	NO or NC	412
LD 61 (Fluid)	1"	AISI 316L	-30 .. 115°C	PN 16	NO or NC	386



SUBMERSIBLE LEVEL TRANSMITTER

SGE-25 SERIES

Measuring Range : min. 0...1 m W.C, max. 0...500 m W.C.

Output : 4...20 mA, 0...10 V, 0...3,3 V, 0.5 V, 0.5...4,5 V

Accuracy : 0,2%

Type	Cable Length	Price (€)
SGE 25	1,5 m	1050
	3 m	1082
	5 m	1170
	10 m	1215
	15 m	1313
	20 m	1412
	25 m	1506



Measurement and Control

ULTRASONIC LEVEL TRANSMITTER

LU SERIES

Type	Measuring Range	Connection Size	Price (€)
LU91 (PP)	6 m	2"	926
LU91 (PVDF)	6 m	2"	1131
LU93 (PP)	12 m	2 1/2"	1154
LU93 (PVDF)	12 m	2 1/2"	1434



RADAR LEVEL TRANSMITTER

LTDR SERIES

Type	Connection Size	Probe Length	Single Rod	Rope	Price (€) Coaxial
LTDR	3/4"	0- 600 mm	2310	2346	2389
		601- 1000 mm	2470	2346	2547
		1001- 1500 mm	2547	2346	2654
		1501- 2000 mm	2628	2346	2806
		2001- 2500 mm	2711	2346	2958
		2501- 3000 mm	2799	2346	3114
		3001- 3500 mm	-	2346	3213
		3501- 4000 mm	-	2346	3291
		4001- 4500 mm	-	2346	3370
		4501- 5000 mm	-	2346	3443
		5001- 6000 mm	-	2346	3535
		5001- 10000 mm	-	2474	-
		10001- 15000 mm	-	2602	-
		15001-20000 mm	-	2729	-



PRESSURE TRANSMITTER WITH FLUSH DIAPHRAGM

PCE-28 SERIES

Standard	Optional
Body : 316L Stainless Steel	Output : 0-10 Volt, 0-5 Volt, 1-5 Volt Output, Modbus
Temperature : -10...80 °C	Temperature : -30 .. 100°C
Accuracy : 0,2 %	Protection Class: IP 67 and Ex-Proof
Power Supply : 10...30 V DC	Accuracy : 0,3% and 0,16% Accuracy
Output : 4-20 mA	

Type	Measuring Range (bar)	Connection Size	Accuracy	Output	Price (€)
PCE-28-PD-CG1/2	0 - 0,25 -- 0 - 25	1/2 G	0.3	4-20 mA	315
	0 - 40	1/2 G	0.3	4-20 mA	322
	0 - 60 .. 0 - 400	1/2 G	0.3	4-20 mA	335
	0 - 600	1/2 G	0.3	4-20 mA	376
	0 - 1000	1/2 G	0.3	4-20 mA	388



Measurement and Control

PRESSURE SENSOR / TRANSMITTER

P3297/ P3276 SERIES

Standard	Optional
Body : 316L Stainless Steel	Output : 0-10 Volt, 0-5 Volt, 1-5 Volt Output
Temperature : 0°C..80°C	Temperature : -30°C..100°C
Protection Class : IP 65	Protection Class : IP 67 ve Ex- Proof
Power Supply : 10 .. 30 V DC	Power Supply : %0,25 and %0,5

Type	Measuring Range	Connection Size	Accuracy	Output	Price (€)
3297.069.081	0- 1 Bar	G 1/4"	1%	4-20 mA	164
3297.070.081	0- 1,6 Bar	G 1/4"	1%	4-20 mA	164
3297.072.081	0- 2,5 Bar	G 1/4"	1%	4-20 mA	164
3297.073.081	0- 4 Bar	G 1/4"	1%	4-20 mA	164
3297.074.081	0- 6 Bar	G 1/4"	1%	4-20 mA	164
3297.075.081	0- 10 Bar	G 1/4"	1%	4-20 mA	164
3297.076.081	0- 16 Bar	G 1/4"	1%	4-20 mA	164
3297.078.081	0- 25 Bar	G 1/4"	1%	4-20 mA	164
3297.079.081	0- 40 Bar	G 1/4"	1%	4-20 mA	164
3297.080.081	0- 60 Bar	G 1/4"	1%	4-20 mA	164
3297.081.081	0- 100 Bar	G 1/4"	1%	4-20 mA	164
3297.082.081	0- 160 Bar	G 1/4"	1%	4-20 mA	164
3297.084.081	0- 250 Bar	G 1/4"	1%	4-20 mA	164
3297.086.081	0- 400 Bar	G 1/4"	1%	4-20 mA	164
3297.087.081	0- 600 Bar	G 1/4"	1%	4-20 mA	164

Type	Measuring Range	Connection Size	Accuracy	Output	Price (€)
3276.016.001	-1 .. 0 Bar	G 1/2"	0,5%	4-20 mA	467
3276.045.001	-1 .. 5 Bar	G 1/2"	0,5%	4-20 mA	467
3276.065.001	0- 250 mbar	G 1/2"	0,5%	4-20 mA	467

Cooling Element

Type	Material	Connection Size	Pressure	Temperature	Price (€)
AZM 16	Stainless Steel	G 1/2"	PN 400	Max. 25°C	147



DIGITAL PRESSURE GAUGE

3961 SERIES

Standard
Body : 316L Stainless Steel
Power Supply : 3 V (AA 2000 mAh)
Display : 4 digit (3961 Series, 4 1/2 digit (3962 Series)

Type	Measuring Range	Connection Size	Accuracy	Price (€)
3961	0-2 .. 0-50 Bar	1/4"	0,5%	438
3961	0-100 .. 0-700 Bar	1/4"	0,5%	482
3962	0-2 .. 0-50 Bar	1/4"	0,5%	549
3962	0-100 .. 0-700 Bar	1/4"	0,5%	594



Measurement and Control

DIGITAL PRESSURE SWITCH

SC SERIES

Standard
 Body : 316 Stainless Steel
 Temperature : -20°C..80 °C
 Output : 0-10 V (Optional)
 Power Supply : 12...30 V DC

Type	Measuring Range	Connection Size	Accuracy	Output	Price (€)
SC 400	- 1.. 10 - 0 .. 50 Bar	1/4"	%0,6	2 x Switch	527
SC 400	0 .. 10 - 0 .. 700 Bar	1/4"	%0,6	2 x Switch	583
SC 410	- 1.. 10 - 0 .. 50 Bar	1/4"	%0,6	1 x Switch, 1 x 4-20 mA	642
SC 410	0 .. 10 - 0 .. 700 Bar	1/4"	%0,6		697
SC 420	- 1.. 10 - 0 .. 50 Bar	1/4"	%0,6	2 x Switch, 1 x 4-20 mA	744
SC 420	0 .. 10 - 0 .. 700 Bar	1/4"	%0,6		794



PRESSURE SWITCH

4130 SERIES

Body : Galvanized Steel
 Temperature : Max. 85 °C

Type	Adjustment Ranges	Connection Size	Switch	Price (€)
4130.071.001	0,3 .. 2 Bar	1/4"	NC	34
4130.075.001	1 .. 10 Bar	1/4"	NC	34
4130.071.101	0,3 .. 2 Bar	1/4"	NC	34
4130.075.101	1 .. 10 Bar	1/4"	NC	34
4220.071.001	0,3 .. 2 Bar	1/4"	SPDT	68
4220.075.001	1 .. 10 Bar	1/4"	SPDT	68
4250.153.001	10 .. 80 Bar	1/4"	SPDT	72
4250.886.001	10 .. 120 Bar	1/4"	SPDT	72
4250.083.001	20 .. 200 Bar	1/4"	SPDT	72
4250.085.001	30 .. 320 Bar	1/4"	SPDT	72



DIFFERENTIAL PRESSURE SWITCH

901 SERIES

Body : Polyamide
 Temperature : Max. 60°C
 Max. Pressure : 100 mbar

Type	Adjustment Ranges	Connection Size	Switch	Price (€)
901.81	5 .. 20 mbar	6.5 mm plastic pipe connection	SPDT	99
901.82	10 .. 50 mbar	6.5 mm plastic pipe connection	SPDT	99



Measurement and Control

PRESSURE SWITCH

901 SERIES

Body : Brass
Temperature : -20°C..85°C

Type	Adjustment Ranges	Connection Size	Switch	Price (€)
901.61	5 .. 20 mbar	1/4"	SPDT	63
901.62	10 .. 50 mbar	1/4"	SPDT	63
901.63	25 .. 100 mbar	1/4"	SPDT	63
901.64	50 .. 250 mbar	1/4"	SPDT	63
901.65	100 .. 500 mbar	1/4"	SPDT	63
901.66	250 .. 1000 mbar	1/4"	SPDT	63
901.67	500 .. 1000 mbar	1/4"	SPDT	63
901.68	1000 .. 3000 mbar	1/4"	SPDT	63
901.91	1 .. 6 bar	1/4"	SPDT	71
901.92	4 .. 9 bar	1/4"	SPDT	71
901.93	7 .. 12 bar	1/4"	SPDT	71



Type	Adjustment Ranges	Connection Size	Switch	Price (€)
901.71	-5 .. -20 mbar	1/4"	SPDT	71
901.72	-10 .. -50 mbar	1/4"	SPDT	71
901.73	-25 .. -100 mbar	1/4"	SPDT	71
901.74	-50 .. -125 mbar	1/4"	SPDT	71
901.75	-75 .. -200 mbar	1/4"	SPDT	71
901.76	-100 .. -300 mbar	1/4"	SPDT	71
901.77	-200 .. -500 mbar	1/4"	SPDT	71
901.78	-300 .. -700 mbar	1/4"	SPDT	71

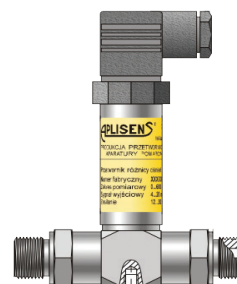
DIFFERENTIAL PRESSURE TRANSMITTER

AS-dP SERIES

Standard

Body : 316L Stainless Steel
Temperature : -10°C..80 °C
Accuracy : 0.2%
Power Supply : 10...30 V DC
Output : 4-20 mA

Type	Measuring Range (bar)	Connection Size	Accuracy	Output	Price (€)
AS-dP	0 - 1	M20x1,5	0.40%	4-20 mA	508
	0 - 2,5	M20x1,5	0.40%	4-20 mA	508
	0 - 4	M20x1,5	0.40%	4-20 mA	508
	0 - 10	M20x1,5	0.40%	4-20 mA	508
	0 - 16	M20x1,5	0.40%	4-20 mA	508
	0 - 25	M20x1,5	0.40%	4-20 mA	508



Measurement and Control

SMART PRESSURE / DIFFERENTIAL PRESSURE TRANSMITTER

APT3100 / APT3200 SERIES

Standard	Optional
Body : Aluminium	Other : Ex-proof
Connection Material : Stainless Steel	Display : LCD
Connection : 1/4" - 1/2" NPT	Output : HART
Accuracy : 0,075%	
Temperature : -40°C..120°C	
Output : 4-20 mA	

Type	Measuring Range	Minimum Span	Price (€)
APT3100.D2.M11.K0.1.S.1	0 .. 15 mbar	0,75 mbar	1676
APT3100.D3.M11.K0.1.S.1	0 .. 15 mbar	1,5 mbar	1550
APT3100.D4.M11.K0.1.S.1	0 .. 373 mbar	3,73 mbar	1550
APT3100.D5.M11.K0.1.S.1	0 .. 1865 mbar	18,65 mbar	1550
APT3100.D6.M11.K0.1.S.1	0 .. 6900 mbar	69 mbar	1550
APT3100.D7.M11.K0.1.S.1	0 .. 20680 mbar	207 mbar	1550
APT3100.D8.M11.K0.1.S.1	0 .. 68950 mbar	690 mbar	1550



SMART PRESSURE / DIFFERENTIAL PRESSURE TRANSMITTER

APC 2000 SERIES

Standard	Optional
Body : Aluminium	Other : Ex-proof, Modbus, Profibus
Connection Material : Stainless Steel	Display : LCD
Connection : 1/4" - 1/2" NPT	Output : HART
Accuracy : 0,075%	Accuracy : 0.05%
Temperature : -40 °C..120 °C	
Output : 4-20 mA	

ON REQUEST



REGULATOR

T-70 SERIES

Type	Code	Connection Size	Adjustment Ranges (Bar)	Adjustment Ranges (Psi)	Price (€)
TORK-70	960-129-000	1/4 NPT	0 - 0,1	0-2	197
	960-174-000	3/8 NPT	0 - 0,1	0-2	197
	960-162-000	1/2 NPT	0 - 0,1	0-2	225
	960-130-000	1/4 NPT	0 - 0,7	0-10	187
	960-131-000	3/8 NPT	0 - 0,7	0-10	187
	960-163-000	1/2 NPT	0 - 0,7	0-10	225
	960-089-000	1/4 NPT	0 - 2,1	0-30	187
	960-090-000	3/8 NPT	0 - 2,1	0-30	187
	960-159-000	1/2 NPT	0 - 2,1	0-30	225
	960-091-000	1/4 NPT	0,1 - 4,1	0-60	187
	960-092-000	3/8 NPT	0,1 - 4,1	0-60	187
	960-160-000	1/2 NPT	0,1 - 4,1	0-60	225
	960-093-000	1/4 NPT	0,1 - 10,3	2-150	187
	960-094-000	3/8 NPT	0,1 - 10,3	2-150	187
	960-161-000	1/2 NPT	0,1 - 10,3	2-150	225
	960-152-000	1/4 NPT	0,2 - 13,8	3-200	252
	960-153-000	3/8 NPT	0,2 - 13,8	3-200	252
	960-164-000	1/2 NPT	0,2 - 13,8	3-200	288



Measurement and Control

REGULATOR

P-38 SERIES

Type	Connection Size	Adjustment Ranges (Bar)	Adjustment Ranges (Psi)	Price (€)
P-38	3/8"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	560
	1/2"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	560
	3/4"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	560
	1"	0-2, 0-4.1, 0-8.6	0-30, 0-60, 0-125	560



REGULATOR

P-39 SERIES

Type	Connection Size	Adjustment Ranges (Bar)	Adjustment Ranges (Psi)	Price (€)
P-39	1/4"	0-4.1	0-60	273
	1/4"	0-8.3	0-120	273
	1/4"	0-10.3	0-150	273
	1/4"	0-15.5	0-225	390



REGULATOR

T-1000 SERIES I/P CONVERTER

Type	Code	Connection Size	Adjustment Ranges (Bar)	Adjustment Ranges (Psi)	Price (€)
TORK-1000	961-072-000	1/4"	0.2 - 0.6	3-9	685
	961-073-000	1/4"	0.6 - 1.0	9-15	685
	961-070-000	1/4"	0.2 - 1.0	3-15	685
	961-074-000	1/4"	0.2 - 1.9	3-27	685
	961-075-000	1/4"	0.4 - 2.1	6-30	685
	961-116-000	1/4"	0.07 - 1.2	1-17	685
	961-111-000	1/4"	0.2 - 8.3	3-120	811
	961-117-000	1/4"	0.1 - 4.1	2-60	811

Measurement and Control

RESISTANCE THERMOMETER

TEP11 / TES11 SERIES

Standard	Optional
Sensor : PT100 Class B	Sensor : PT100 Class A
Material : Stainless Steel	Connection : G 3/8", G 1/4", G 3/4", 1/2" NPT, 1/4" NPT, M14 X 1.5
Measuring Range : -200 .. 600°C	Sensor Length : 25, 75, 100, 160, 200, 300, 400, 500 mm
Connection : G 1/2"	Sensor Diameter : 3 mm ve 8 mm
Sensor Length : 50 mm	Output : 0-10 V DC, PT100, PT1000
Sensor Diameter : 6 mm	
Power Supply : 10-30 V DC	
Output : 4-20mA	

Type	Connection Size	Sensor Diameter	Sensor Length	Output	Working Temperature	Price (€)
TES11.221.902	G 1/2"	6 mm	50 mm	PT100	-50 .. 200°C	139
TES11.221.903	G 1/2"	6 mm	75 mm	PT100	-50 .. 200°C	139
TES11.221.904	G 1/2"	6 mm	100 mm	PT100	-50 .. 200°C	139
Other		On Request	On Request	On Request	On Request	Ask for Price
TEP11.221.301	G 1/2"	6 mm	50 mm	4-20 mA	0 .. 100°C	249
TEP11.221.302	G 1/2"	6 mm	75 mm	4-20 mA	0 .. 100°C	249
TEP11.221.303	G 1/2"	6 mm	100 mm	4-20 mA	0 .. 100°C	249
Other		On Request	On Request	On Request	On Request	Ask for Price



RT SERIES

Standard	Optional
Sensor : PT100 Class B	Sensor : PT100 Class A
Material : Stainless Steel	Connection : G 3/8", G 1/4", G 3/4", 1/2" NPT, 1/4" NPT, M14 X 1.5
Measuring Range : -200°C..600°C	Sensor Length : 4- 20 mA
Connection : G 1/2"	
Output : PT 100	

Type	Connection Size	Sensor Diameter	Sensor Length	Output	Working Temperature	Price (€)
RT02-IP06-10	G 1/2"	6 mm	10 mm	PT 100	-200 .. 600°C	87
RT02-IP06-16	G 1/2"	6 mm	16 mm	PT 100	-200 .. 600°C	92
RT02-IP06-23	G 1/2"	6 mm	23 mm	PT 100	-200 .. 600°C	94
RT02-IP06-40	G 1/2"	6 mm	40 mm	PT 100	-200 .. 600°C	103
RT02-IP06-50	G 1/2"	6 mm	50 mm	PT 100	-200 .. 600°C	109
Other	On Request	On Request	On Request	On Request	On Request	Ask for Price



THERMOCOUPLE

TC01 / TC02 SERIES

Standard	Optional
Sensor : K Type	Sensor : J, S, L Type
Material : Stainless Steel	Connection : G 3/8", G 1/4", G 3/4", 1/2" NPT, 1/4" NPT, M14 X 1.5
Measuring Range : -200°C..1200°C	Sensor Diameter : 9 mm, 11 mm, 14 mm
Connection : G 1/2"	Output : 4-20 mA
Output : Ohm	

Type	Connection	Sensor Diameter	Sensor Length	Output	Temperature	Price (€)
TC01	Insert Type	6 mm	On Request	Ohm	-200 .. 1200°C	Ask for Price
TC02	G 1/2"	6 mm	On Request	Ohm	-200 .. 1200°C	Ask for Price
TC01	Insert Type	6 mm	On Request	4- 20 mA	On Request	Ask for Price
TC02	G 1/2"	6 mm	On Request	4- 20 mA	On Request	Ask for Price
Other	On Request	On Request	On Request	On Request	On Request	Ask for Price



Measurement and Control

DIGITAL INDICATOR & CONTROLLER

E48 / E72 / E49 / E94 SERIES

Standard	Optional
Input : T/C, R/T, mA, mV	Power Supply : 20-60 VAC, 20-85 VDC
Output : (0) 4-20 mA, Relay, SSR	Connection : RS485
Display : 2x4 Digit LED	Dimensions : 48X96, 96X48
Power Supply : 85- 265 VAC, 85- 375 VDC	Input : Mv, 0-10 V
Dimensions : 48X48, 72X72, 96X96	

Type	Dimensions	Digital Output	Analog Output	Power Supply	Price (€)
E48-1-0-0-0	48X48	1 X Relay	-	85- 265 VAC, 85- 375 VDC	180
E72-1-0-0-0	72X72	1 X Relay	-	85- 265 VAC, 85- 375 VDC	180
E49-2-1-0-0	48X96	2 X Relay	1X0 (4)-20 mA	85- 265 VAC, 85- 375 VDC	231
E94-2-1-0-0	96X48	2 X Relay	1X0 (4)-20 mA	85- 265 VAC, 85- 375 VDC	231
Other	On Request	On Request	On Request	On Request	Ask for Price



E50 / E70 / E90 SERIES

Standard	Optional
Input : T/C, R/T, Ma	Power Supply : 24 VAC
Output : Relay, SSR	
Display : 1x4 Digit LED	
Power Supply : 220 VAC	
Dimensions : 48X48, 72X72, 96X96	

Type	Dimensions	Digital Output	Analog Output	Power Supply	Price (€)
E50-6-0-0-0	48X48	1 X Relay	-	220 VAC	94
E70-6-0-0-0	72X72	1 X Relay	-	220 VAC	94
E90-6-0-0-0	96X96	1 X Relay	-	220 VAC	94
Other	On Request	On Request	On Request	On Request	Ask for Price

UNIVERSAL-ADVANCED CONTROLLERS

E200 / E210 SERIES

Standard	Optional
Input : T/C, R/T, Ma	Power Supply : 20-60 VAC, 20-85 VDC
Output : 4-20 mA, Relay, SSR	Connection : RS485
Display : 2x4 Digit LED	Software :
Power Supply : 85- 265 VAC, 85- 375 VDC	
Dimensions : 96X96	

Type	Dimensions	Digital Output	Analog Output	Power Supply	Price (€)
E-200-2-1-0-0	96X96	2 X Relay	1X4-20 mA	85- 265 VAC, 85- 375 VDC	280
E-200-2-1-0-1	96X96	2 X Relay	1X4-20 mA	85- 265 VAC, 85- 375 VDC	372
Other	On Request	On Request	On Request	On Request	Ask for Price

TIMERS FOR PULSE VALVE

TORK 912 SERIES

Type	Price (€)
TORK912-08	372
TORK912-16	591
TORK912-24	811
TORK912-32	1014
TORK912-40	1183
Other	Ask for Price