

Huba Control



OEM differential pressure transmitter Type 401

Type 401 pressure transmitters sense ultra fine changes in air pressure and are designed to provide optimum control. The dual component diaphragm with it's unique geometry, gives highly sensitive operation and excellent repeatability, even in the range below 20 Pascal.

Pressure range 0 ... 3 – 8 mbar

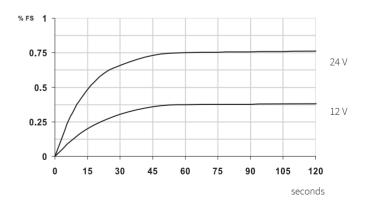
- + Special development for optimize of combustion mixture in gas boilers
- + With the special diaphragm geometry inherently stable
- + Ideal dimensioning for high sensitivity and with long term stability
- + Excellent repeatability even in the lower pressure range (< 20 Pascal)

Technica	loverview					
Pressure range	2					
Relative and dif					0 3 – 8 mbar	
0	1141					
Operating cond Medium	aitions				Air and neutra	20200
Medium			Me	dium / ambient	0 +70 °C	i gases
Temperature				prage	-40 +70 °C	
					25 mbar	
Tolerable overlo	oad on one side				100 mbar shor	t period at room temperature
Rupture pressur	re		20) mbar		
Leak rate					< 5 cm ³ /h (Air);	, at nominal pressure
Mataviala in as						
Case	ntact with the medium				Polycarbonate	(PC)
Diaphragm					LSR (Liquid Sil	
Sensor					Ceramic Al ₂ O ₃	
Electrical over	view					
Output					0.5 4.5 V	
Power supply					10.4 18 VDC	
Load					> 15 kOhm (to	GND)
Current consum		At nominal pressure without load			< 8 mA	a rate at a d
Polarity reversa Electronical com		The product is designed exclusively for it	Mechanically protected igned exclusively for installation in equipment. The customer is responsible for CE conformity.			
<u>Electronical con</u>	ipationity	The product is designed exclusively for it	istallation in equipmen	it. The customens respons	sible for el comonney.	
Dynamic respo	nse					
Response time					< 10 ms	
Load cycle					< 10 Hz	
Protection star	ndard				Protection cla	ass
11-00						
Electrical conn	ections					
3 pole plug con						
Pressure conne	ection					
PipeØ6.2 mm						
Mounting instr	uction	Diaphragm horizontal (recommend)	Dr	esssure connections facing	dowoward	
Installation arra	ngement	Diaphragm vertical (on request)		essure connections lateral,		w actual pressure
		Bidpindgin vertical (offrequest)		ap mounting in sheet steel		w detadt pressure
Mounting				unting bracket type A / typ		
Tests / Admissi	ons					
DVGW						59 (DVGW) acc. DIN EN 1854
Gas appliance d	lirective				2016/426/EG	
Weight						
Without accesso	ories				~ 45 g	
					- 0	
Packaging						
Cardboard boxe	es with blister pack inserts (ret	urnable).				
Ordering batch Pieces	ies quantities / Transport vo Varaint		Width (cm)	Hoight (cm)	Maight (Ica)	Blister (20 pcs)
1440	12 Box on euro-palette	Length (cm) 120	80	Height (cm) 93	Weight (kg) 134	72
120	12 Box on euro-paiette	59	39	26	9.5	6
120	1 00/	22	55	20	5.5	v

Accuracy

Parameter	Unit		
Tolerance zero point ²⁾	max.	% fs	± 0.5
Tolerance full scale 2)	max.	% fs	-1.5 /+0.5
Resolution		% fs	0.1
Total of linearity,			
hysteresis and repeatability	max.	% fs	± 0.3
Long term stability acc. to DIN EN 60770		% fs	± 1.0
TC zero point ³⁾	typ.	% fs/10K	± 0.2
TC zero point ³⁾	max.	% fs/10K	± 0.3
TC sensitivity 3)	typ.	% fs/10K	± 0.1

Signal drift



Order code sele	0	Order number								
	0 3 mbar		4 0	1		9	3	0	0	0
D	0 5 mbar		4 0	1		9	5	0	0	0
Pressure range	0 8 mbar		4 0	1		9	8	0	0	0
	Eull scale signal at these pressure									

Accessories 1)		Order number
Bracket type A		100295
Bracket type B		100098
Fixing screw for wall thickness 1 – 2 mm	Length of screw 6 mm (min. required 2 pcs)	102976
Orifice for pulsed pressure		100251
Connector Rast 2.5 with cable 30 cm		111668
Connector Rast 2.5 with cable 110 cm		101817
Connector Rast 2.5 with cable 150 cm		112282
Calibration certificate		104551
Calibration certificate		104551

Colour

grey

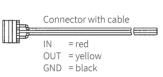
beige

AMP connector ²⁾

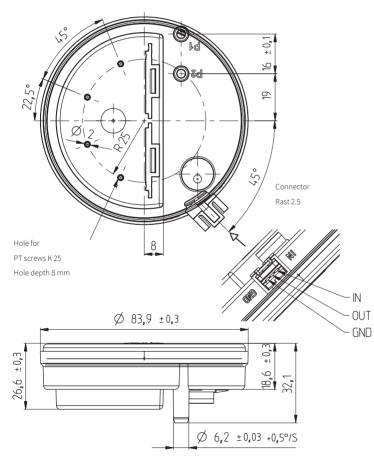
3-829868-3 1-966194-3

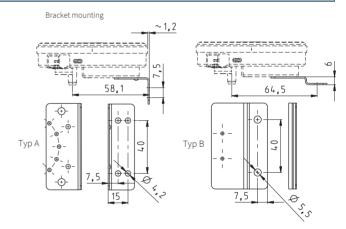
Manufacture's Part No.

for flexible wire 7 x 0.20 mm = 0.22 mm² or 12 x 0.20 mm = 0.35 mm² 7 x 0.25 mm = 0.35 mm²

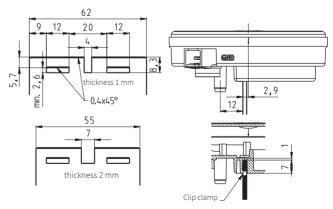


Dimensions in mm / Electrical connections





Direct mounting onto armature (fittings)



Other dimensions as per «Thickness 1 mm»







株式会社 クローネ

■カタログに掲載してある製品の色は印刷インキの関係上、実際とは異なる場合があります。
■ 製品のデザイン、仕様等などは、予告なく変更する場合があります。

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