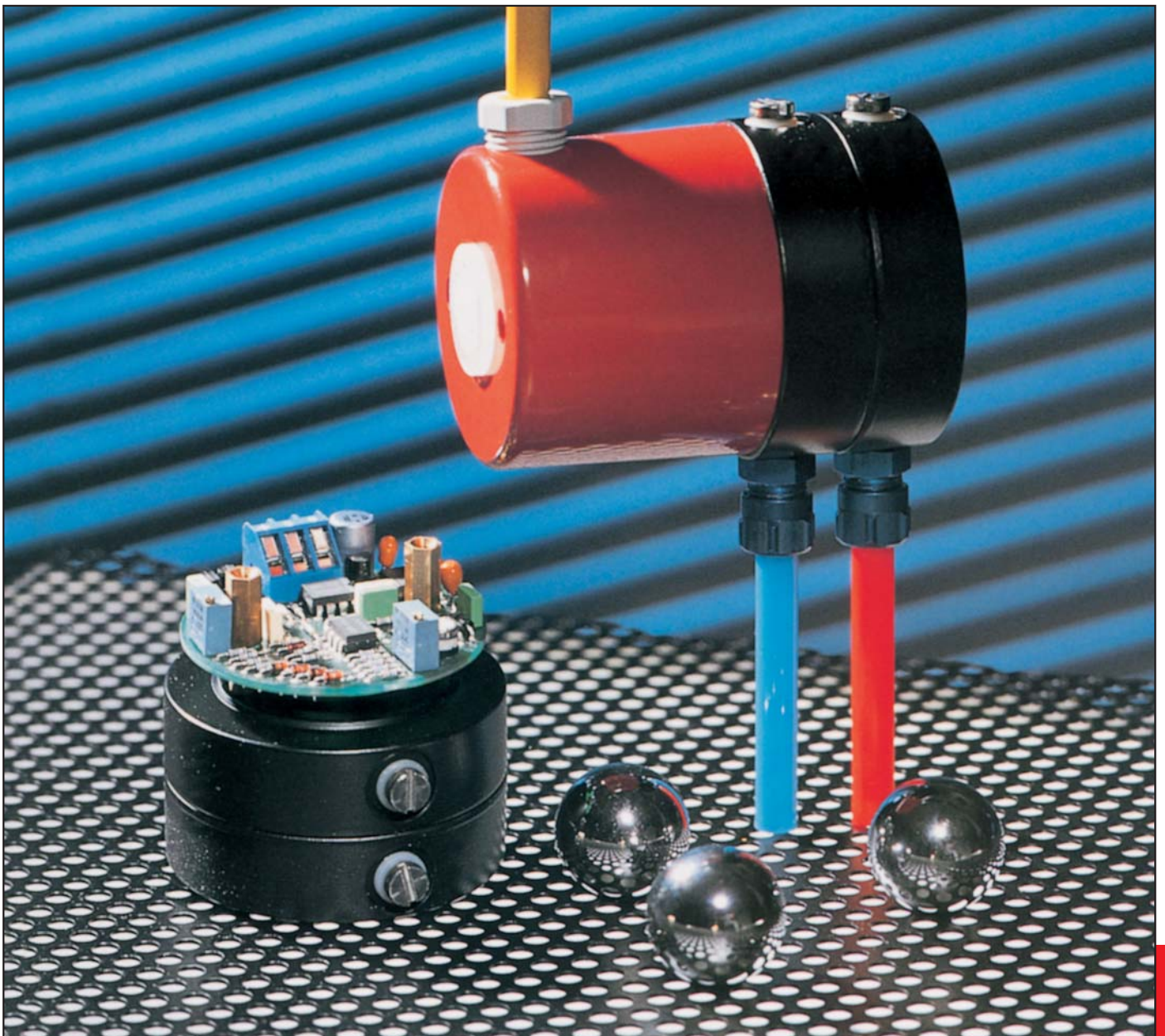


652

**Differential pressure,  
vacuum, overpressure,  
transmitter**

0 to 1 bar



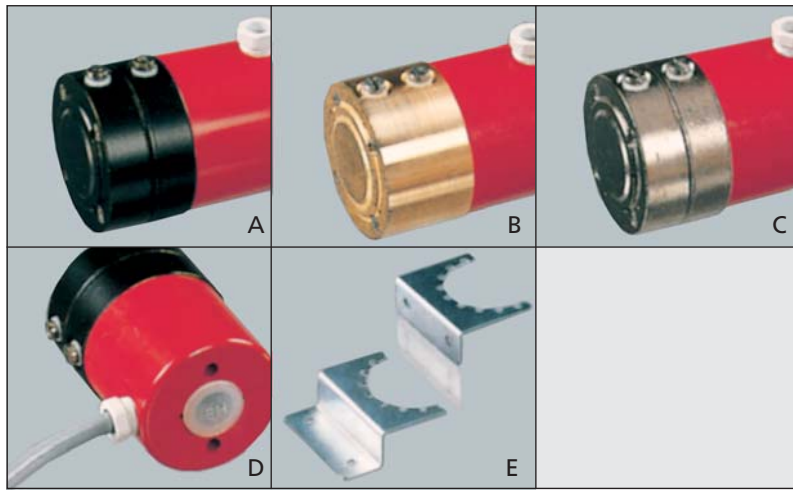
EDITION 12/2004

HUBA-REGISTERED TRADE MARK

**Huba Control**

FOR FINE PRESSURE AND FLOW MEASUREMENT





## Versions

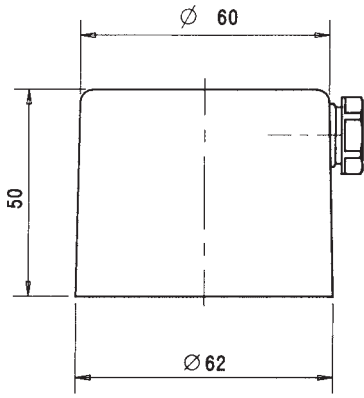
- A – Pressure case, anodized aluminium
- B – Pressure case, brass
- C – Pressure case, nickel-plated brass
- D – Cable connection with cover PG 9
- E – Mounting bracket Type A / Type B

## Order code selection table

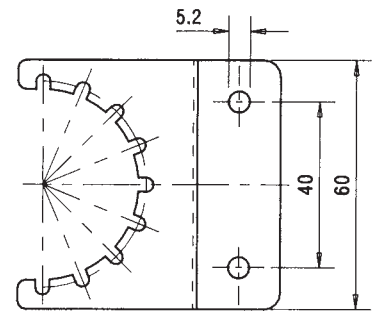
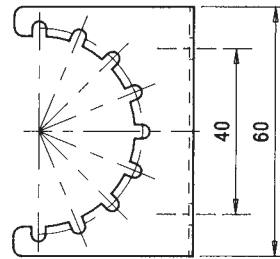
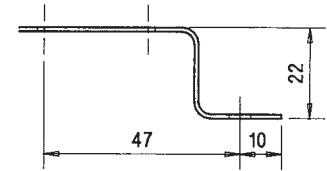
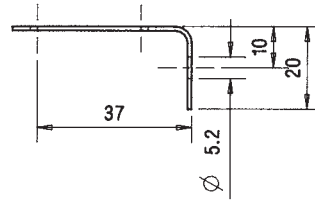
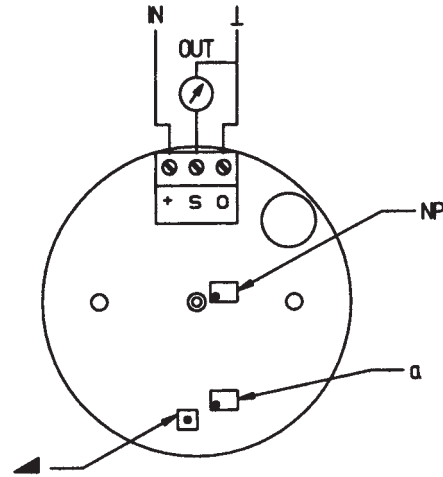
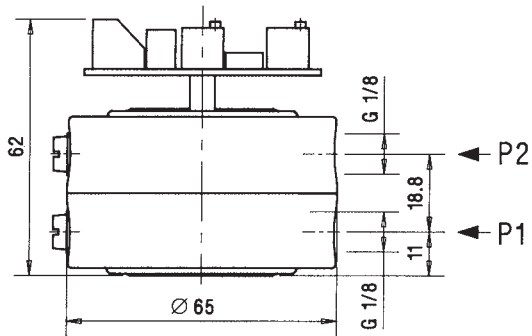
652. X X X X X X X X X X X

Pressure ranges (mbar) <sup>1</sup>	Operation pressure max.																		
0 ... 50	10'000 mbar	9	0																
0 ... 100	10'000 mbar	9	1																
0 ... 200	10'000 mbar	9	2																
0 ... 500	20'000 mbar	9	3																
0 ... 1'000	20'000 mbar	9	4																
<b>Outputs<sup>2</sup></b>	0 – 10 V								0										
	0 – 20 mA								1										
	4 – 20 mA								4										
<b>Linearity</b>	+/- 1.5% fs									1									
<b>Power supply (IN)</b>	20 – 30 VDC												0						
	24 VAC + 15% / - 10%												1						
<b>Electrical connections</b>	Screw terminals																		0
	(Protection class with cover IP 65)																		
<b>Pressure connections</b>	Inside thread																		0
	G 1/8																		
<b>Pressure case</b>	Anodized aluminium black																		0
	Brass (CuZn)																		1
	Nickel-plated brass (CuZn vni)																		2
<b>Diaphragm</b>	Type A – NBR-based																		0
	Type C – FPM																		1
	Type E – EPDM																		2
	Type F – Q (Silicon)																		3
<b>Mounting</b>	Without mounting bracket																		0
	With mounting bracket type A																		0
	With mounting bracket type B																		1
																			0
																			2

<sup>1</sup> Other pressure ranges on request  
<sup>2</sup> Other output signals on request



P1 > P2



Type A

Type B

**Electromagnetic compatibility:** CE conformity (EMC) by application of harmonized standards: Interference stability EN 61000-6-2 and EN 61326-1, interference emit EN 61000-6-3 and EN 61326-1

Interference stability	Test standard		Effect
Electrostatic discharge (ESD)	EN 61000-4-2	8 kV air, 4 kV contact	no effect
High-frequency electromagnetic radiation (HF)	EN 61000-4-3	3 V/m, 80 ... 1000 Mz	- 400 - 1000 MHz: < 8% signal influence
Conducted HF interference	EN 61000-4-6	30 V, 0.15 ... 80 MHz	no effect
Fast transients (burst)	EN 61000-4-4	4 kV	no effect
Surge	EN 61000-4-5		no test
Magnetic fields	EN 61000-4-8	30 A/m, 50 Hz	no effect
Interference emit	Test standard		Effect
Conducted interference	EN 55022 (CISPR 22)	0.15... 30 MHz	no emission
Radiation from housing	30...1000 MHz, 10 m		no emission

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