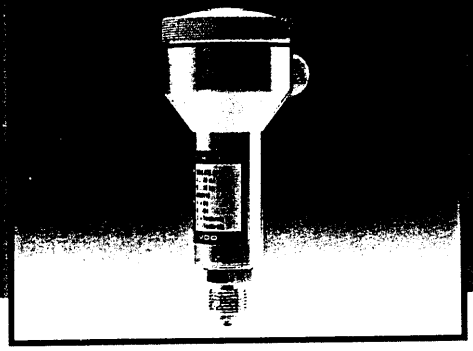
VDO•IMT PRESSURE TRANSMITTERS



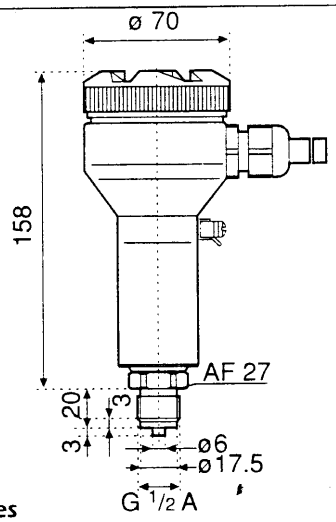
Type
3236
3336

405 6989

PART NUMBERS

Range (Bar)	3236	3336
-1 to 0	016001	-
-0.6 to 0	015001	-
-0.4 to 0	014001	-
-0.25 to 0	013001	-
-0.16 to 0	012001	-
-0.1 to 0	011001	-
0 to 0.1	063001	-
0 to 0.16	064001	-
0 to 0.25	065001	-
0 to 0.4	066001	-
0 to 0.6	067001	-
0 to 1	069001	-
0 to 1.6	070001	-
0 to 2.5	072001	-
0 to 4	073001	-
0 to 6	074001	-
0 to 10	075001	-
0 to 16	076001	-
0 to 25	-	078001
0 to 40	-	079001
0 to 60	-	080001
0 to 100	-	081001
0 to 160	-	082001
0 to 250	-	084001
0 to 400	-	086001
0 to 600	-	087001
0 to 1000	-	088001
0 to 1600	-	089001
0 to 2500	-	090001
0 to 4000	-	091001

DIMENSIONS



Types **3236 and 3336** All dimensions in mm

TECHNICAL DATA

Type	3236	3336
Pressure type	Negative or positive gauge pressure	
Output signal	4-20 mA, 2 wire system	
Accuracy class	0.5% of full scale value	
Measuring ranges	-1... 0 Bar, 0... 0.1 Bar to 0... 16 Bar	0... 25 Bar, to 0... 4000 Bar
Sensor element	Piezoresistive	Thin film
Reproducibility	≤ ±0.05% of full scale value	
Case	Stainless steel 1.4301	
Terminal housing	Aluminium with epoxy resin housing	
Wetted parts ≤16 Bar ≥25 Bar	 Stainless steel 1.4571 Stainless steel 1.4571 and 1.4542	
Thread connection ≤1600 Bar ≥2500 Bar	 G½A (½" BSP) m16 x 1.5	
Overload limit ≤16 Bar ≤600 Bar 1000 Bar >1000 Bar 4000 Bar	 3.5 x full scale value 2 x full scale value 1.5 x full scale value 1.2 x full scale value 1.1 x full scale value	
Power supply	11...30 VDC (14...30 VDC for output 0...10V)	
Power consumption	Units with outputs of 4...20 mA: Signal current Units with voltage output: 8 mA	
Load (Ω) for output 4...20mA	≤ Supply - 1.1V / 0.020 A	
Temperature Compensation range	 0... +80°C	
Influence on zero point and measuring range	≤±0.2% / 10K ≤±0.4% / 10K, for ranges <0.25 Bar	
Adjustability	Zero point and measuring range up to ±5% with potentiometers	
Response time	≤1ms (within 10 to 90% of full scale)	
Protection	IP67 to Din 40050	
Electrical protection	Reverse polarity, overvoltage and short circuit	
Temperature ranges - storage - media - ambient	 -40... +100°C -30... +100°C -20... +80°C	
Weight approx (Kg)	0.5	

Options include 0.25% accuracy, different connection threads, electrical outputs of 0...20mA, 0...5VDC, 0...10VDC and special versions suitable for use with oxygen.