



Pressure Transmitter
 - 4...20 mA, 2 wire system
 - 0.5% of full scale value
 - Stainless steel 1.4301
 - Aluminium with epoxy resin housing
 - Thin film sensor element
 - Reverse polarity, overvoltage and short circuit protection
 - IP67 to Din 40050

Type

3236

3336

705 6989

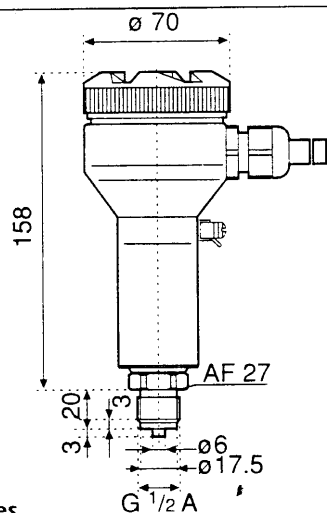
PART NUMBERS

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

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	$\leq \pm 0.05\%$ of full scale value	
Case	Stainless steel 1.4301	
Terminal housing	Aluminium with epoxy resin housing	
Wetted parts	≤ 16 Bar: Stainless steel 1.4571 ≥ 25 Bar: Stainless steel 1.4571 and 1.4542	
Thread connection	≤ 1600 Bar: G $\frac{1}{2}$ A (1/2" BSP) ≥ 2500 Bar: m16 x 1.5	
Overload limit	≤ 16 Bar: 3.5 x full scale value ≤ 600 Bar: 2 x full scale value 1000 Bar: 1.5 x full scale value > 1000 Bar: 1.2 x full scale value 4000 Bar: 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	$\leq$ Supply - 11V 0.020 A	
Temperature Compensation range	0... +80°C	
Influence on zero point and measuring range	$\leq \pm 0.2\%$ / 10K $\leq \pm 0.4\%$ / 10K, for ranges < 0.25 Bar	
Adjustability	Zero point and measuring range up to $\pm 5\%$ with potentiometers	
Response time	≤ 1 ms (within 10 to 90% of full scale)	
Protection	IP67 to Din 40050	
Electrical protection	Reverse polarity, overvoltage and short circuit	
Temperature ranges	- storage: -40... +100°C - media: -30... +100°C - ambient: -20... +80°C	
Weight approx (Kg)	0.5	

DIMENSIONS



Types 3236 and 3336 All dimensions in mm

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.