

Digitale manometers

TYPE:	ETD-02, klasse 0.25
KASTDIAMETER:	75,5 MM
Bereiken:	0-400 mbar tot 0-600 bar *
Nauwkeurigheid:	0,25%
Aansluiting:	1/4" BSP RVS 316L (EN837-1)
Drukeenheid:	bar, mbar, PSI, InHg, cmHg, mmHg, hPa, kPa, mPa, mH ₂ O, InH ₂ O
Batterij:	standby tijd +/- 5 jaar
Display:	2-line display 4.5-digit 7 segment display 6-digit 14-segment additional display



Specificaties

Min-Max functie met reset functie.
Auto-zero.
Automatic switch-off functie.
Rotable housing and display.

COMPLEET OVERZICHT TECHNISCHE INFORMATIE ZIE VOLGENDE BLADZIJDE

Bestelcode	Prijs €	Aanwijzing: bar
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902001	198,00	0 - 1
902002	198,00	0 - 1.6
902003	198,00	0 - 2.5
902004	198,00	0 - 4
902006	198,00	0 - 6
902010	198,00	0 - 10
902016	198,00	0 - 16
902025	198,00	0 - 25
902040	198,00	0 - 40
902060	198,00	0 - 60
902100	198,00	0 - 100
902160	198,00	0 - 160
902250	198,00	0 - 250
902400	198,00	0 - 400
902600	198,00	0 - 600

* Lage druk prijs op aanvraag

Digitale Manometer - Type ETD-02 / Bladzijde 2

Input pressure range																	
Nominal pressure gauge [bar]	0.4	0.6	1	1.6	2.5	4	6	10	16	25	40	60	100	160	250	400	600
Nominal pressure abs. [bar]	-	0.6	1	1.6	2.5	4	6	10	16	25	40	60	100	160	250	400	600
Overpressure [bar]	1	2	2	4	4	10	10	20	40	40	100	100	200	400	400	600	800
Burst pressure [bar]	2	4	4	5	5	12	12	25	50	50	120	120	250	500	500	650	880
Vacuum pressure	-1 ... 0 bar, overpressure: 4 bar, burst pressure: 7 bar																
Vacuum resistance	P _N ≥ 1 bar: unlimited vacuum resistance P _N < 1 bar: on request																

Performance			
Accuracy ¹	≤ ± 0.25 % FSO BFSL		
Measuring rate	5/sec		
¹ accuracy according to IEC 60770 – minimum value setting (non-linearity, hysteresis, repeatability)			
Thermal effects (Offset and Span)			
Thermal effects	≤ ± 0.2 % FSO / 10 K in compensated range -25 ... 85 °C		
Permissible temperatures			
Permissible temperatures	medium: -20 ... 85 °C	environment: -20 ... 70 °C	storage: -30 ... 80 °C
Mechanical stability			
Vibration	5 g RMS (25 ... 2000 Hz)	according to DIN EN 60068-2-6	
Shock	100 g / 1 msec	according to DIN EN 60068-2-27	
Materials			
Pressure port / housing	stainless steel 1.4404 (316L)		
Display housing	PA 6.6, Polycarbonate		
Seals (media wetted)	FKM		
Diaphragm	ceramics Al ₂ O ₃ 96 %		
Media wetted parts	pressure port, seals, diaphragm		
Miscellaneous			
Display	LC-Display, visible range 40 x 30 mm; 4.5-digit 7-segment main display, digit height 11 mm, range of indication ±19999; 6-digit 14-segment additional display, digit height 7.5 mm		
Electromagnetic compatibility	emission and immunity according to EN 61326		
Supply	3.6 V lithium battery; 2 piece (1/2 AA)		
Data storage	EEPROM (non-volatile)		
Ingress protection	IP 65		
Installation position	any		
Weight	approx. 300 g		
AD-converter solution	14 Bit		
Operational life of battery	Standby-Modus: approx. 5 years		
Mechanical operational life	> 100 x 10 ⁶ pressure cycles		
CE-conformity	EMC directive: 2004/108/EC		pressure equipment directive: 97/23/EC (Modul A) ²

² This directive is only valid for devices with maximum permissible overpressure > 200 bar.

Dimensions (in mm)

