

Digitale manometers

TYPE: ETD-01, klasse 0.5

KASTDIAMETER: 63 MM

Bereiken: 0-1.6 bar tot 0-250 bar

Nauwkeurigheid: 0,5%

Aansluiting: 1/4" BSP RVS 304 (EN837-1)

Drukeenheid: bar, mbar, PSI, mPa, mH₂O

Batterij: standaard, CR 2450, duur > 1800 h

Display: LC display, 4.5-digit 7-segment 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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901002	135,00	0 - 1.6
901003	135,00	0 - 2.5
901004	135,00	0 - 4
901006	135,00	0 - 6
901010	135,00	0 - 10
901016	135,00	0 - 16
901025	135,00	0 - 25
901040	135,00	0 - 40
901060	135,00	0 - 60
901100	135,00	0 - 100
901160	135,00	0 - 160
901250	135,00	0 - 250

Digitale Manometer - Type ETD-01 / Bladzijde 2

Input Pressure													
Nominal pressure gauge	[bar]	1.6	2.5	4	6	10	16	25	40	60	100	160	250
Overpressure	[bar]	4	4	10	10	20	40	40	100	100	200	400	400
Burst pressure	[bar]	7	7	15	15	35	70	70	150	150	250	450	450
Vacuum resistance		unlimited											

Performance	
Accuracy ¹	$\leq \pm 0.5\%$ FSO BFSL
Measuring rate	1/sec
Long term stability	$\leq \pm 0.3\%$ FSO / year
¹ accuracy according to IEC 60770 – minimum value setting (non-linearity, hysteresis, repeatability)	
Thermal effects (Offset and Span)	
Tolerance band	$\leq \pm 0.5\%$ FSO / 10 K (typ.) in compensated range 0 ... 50 °C
Permissible temperatures	
Permissible temperatures	medium: -25 ... 85 °C environment: 0 ... 70 °C storage: 0 ... 70 °C
Materials	
Pressure port / housing	stainless steel 1.4301 (304)
Display housing	PA 6.6, Polycarbonate
Seals (media wetted)	FKM others on request
Diaphragm	ceramics Al ₂ O ₃ 96 %
Media wetted parts	pressure port, seals, diaphragm
Miscellaneous	
Display	LC-Display, visible range 36 x 15 mm; 4.5-digit 7-segment-display, digit size 8.5 mm, range of indication ± 1999
Electromagnetic compatibility	emission and immunity according to EN 61326
Supply	3 V lithium battery (CR 2450)
Data storage	EEPROM (non-volatile)
Ingress protection	IP 65
Installation position	any
Weight	plastic: approx. 150 g
Operational life of battery	min. 1500 h with permanent operation
Mech. operational life	> 100 x 10 ⁶ pressure cycles
CE-conformity	EMC directive 2004/108/EC pressure equipment directive: 97/23/EC (Modul A) ²

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

Dimensions (in mm)

