

Pressure

Electronic Pressure Transducer

Type Series 600

for OEM applications

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Features

Compact size
Rugged stainless steel construction
Ceramic sensor technology

Measuring ranges

0...10 bar to 0...400 bar

Applications

OEM applications
Stationary and mobile hydraulics
Pneumatics



Technical Data

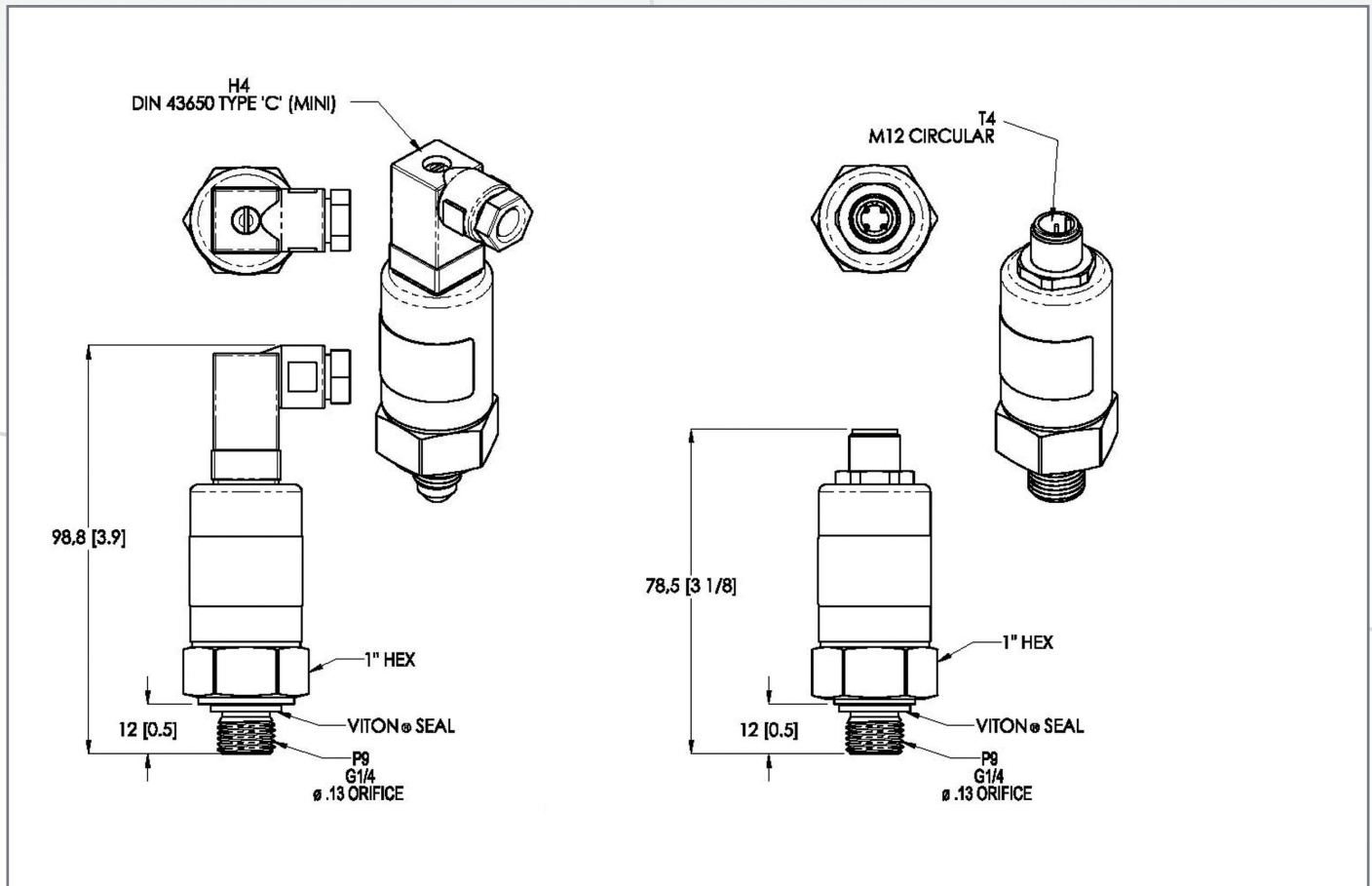
Linearity error:	$\leq \pm 1$ % f.s. $\leq \pm 0.5$ % typical f.s.
Typical Life Cycle:	100 million cycles
Proof Pressure:	2 times rated pressure, or 600 bar max., whichever is less.
Power Supply:	8...30 V DC, reversed polarity protection (SELV, PELV)
Output:	4-20 mA (2-wire), other on request
Wetted Parts:	316 Stainless steel, ceramic and Viton® O-ring
Protection class:	NEMA 4X IP65, IP67 (based on electrical connection)*
Pressure Connection:	G1/4", other on request
Electrical Connection:	M12x1-plug DIN-EN 175 301-803-C (prev. DIN43650)

Temperature Ranges:	
Operating:	-40°C to +85°C
Compensated:	0°C to +55°C
Storage:	-40°C to +85°C
Temperature influence:	$\pm 0,06$ % FS/K over operating temperature range
Vibration:	15 g, 10-2000 Hz, MIL-STD 202
Shock:	50 g, 11 ms, MIL-STD 202 Method 213, Cond. G.,
Weight:	145 grams

Specifications are subject to changes without notice.

* Mating connector must be properly installed to preserve enclosure rating

Dimensions (in mm/inch)



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Wiring Code

Electrical Termination	Current Output	
	DIN-C	M12
H4 / T4		
1	Power Supply	+ Excitation
2	Not used	Common
3	Common	Not used
4	Case Ground	Case Ground

Order Number

Pressure range [bar] relative pressure	Electrical Connection DIN43650 C	Electrical Connection M12x1
10	0437-010	0437-018
20	0437-011	0437-019
50	0437-012	0437-020
60	0437-013	0437-021
100	0437-014	0437-022
200	0437-015	0437-023
250	0437-016	0437-024
400	0437-017	0437-025

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