



Pressure and Temperature Controls

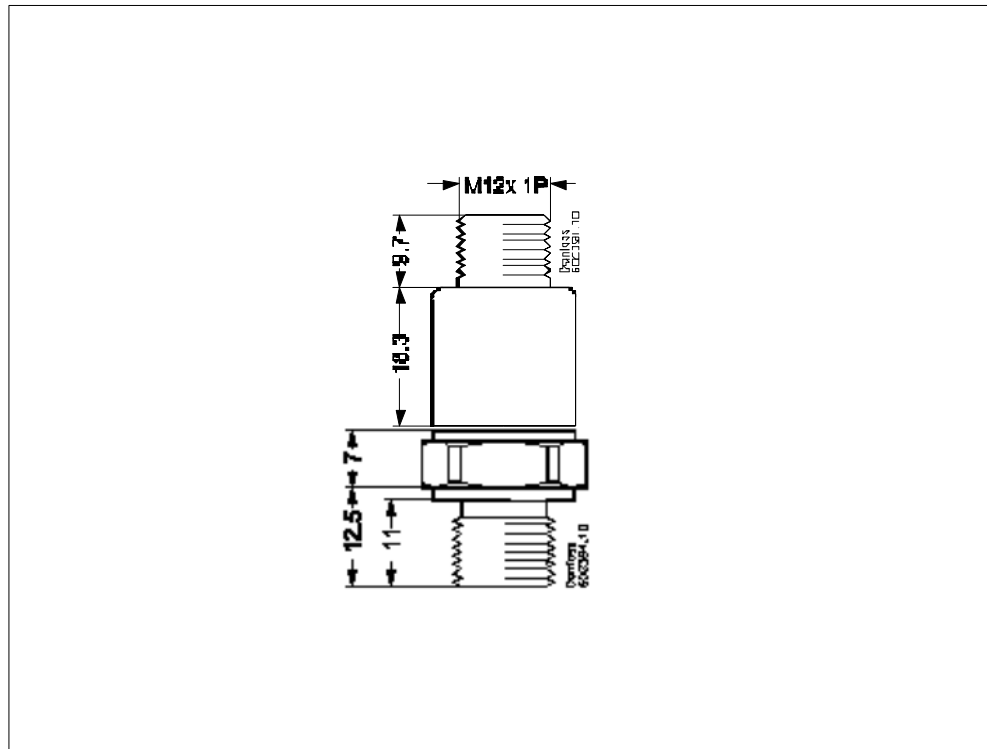
Customer: Dani-Tech, DK

Pressure transmitter type : MBS 1350-341x-C1GB04-2

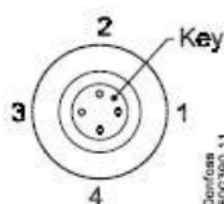
Code number		Measuring range		Code number		Measuring range	
Single pack	Industry pack	[bar]		Single pack	Industry pack	[bar]	
063Gxxxx	063Gxxxx	Pe ¹⁾	0 to 250				

¹⁾ Vented

Dimensions : In mm



Electrical connection :



M12x1 EN60947-5-2	Output signal Voltage
1	Supply +
2	Output 1 (pressure)
3	Supply -
4	Output 2 (Temperature)

Technical data :

- Pressure output signal (Output 1): 0.1 to 10 V
- Temperature output (Output 2) : 0.1 to 10 V
- Measuring temperature range : -40 to+120°C
- Pressure connection : G1/4 DIN 3852-E with pulse snubber and Viton gasket
- Electrical Connection : M12x1 EN 60947-5-2

Other specifications : Look next page

App. <i>Albert Simonson</i>	Corr.	Valid serial no. 101007-1
Date 10-2010		Discontinued serial no.

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Performance, EN 60770

Accuracy (incl. non-linearity, hysteresis and repeatability)	< ±0.5 %FS
Thermal zero point shift	< ±0.15%FS/10K
Thermal sensitivity (span) shift	< ±0.15%FS/10K
Hysteresis and repeatability	< ±0.1%FS
Response time liquids (10 – 90 %)	< 1 ms
Overload pressure (Static)	750 bar
Burst pressure	2500 bar
Durability, P: 10-90%FS	>10 x 10 ⁶ cycles

1) < 10ms with no external pull-down load on the output.

Electrical specifications

Nom. Pressure output signal (short-circuit protected)	0.1 – 10 V
Nom. Temperature output signal (short-circuit protected) -40 to +120°C	0.1 – 10 V
Supply voltage [V _{supply}], polarity protected	12 - 30V
Current consumption	4.5 mA
Load resistance [R _L]	R _L > 10Kohm
Output impedance	R _i < 90 ohm

Environmental conditions.

Medium temperature range	-40 to +125 °C
Ambient temperature range	-40 to +125 °C
Compensated temperature range	-50 to +125 °C
EMC-Emission	EN 55022
EMC-Immunity:	EN 61000-6-2
Vibration stability Sinusoidal, 20g, 10 Hz -2 kHz	IEC 60068-2-6
Shock resistance 100 g	EN 60068-2-27
Enclosure	IP 67

Mechanical characteristics

Wetted parts, material	17-4PH
Enclosure material	AISI 304
Weight	Approx. 50g

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