



PRESSURE TRANSMITTERS

THE PCI3850 SERIES

With its robust stainless steel construction, the PCI3850 pressure transmitter incorporates the latest strain gauge technology together with a custom IC amplifier, offering excellent stability and accuracy over a long service life in a variety of industrial pressure measurement applications requiring a flush diaphragm connection.

The PCI3850 offers a stable and accurate output signal of 4-20mA and electrical connection is via a detachable DIN connector with easily accessible zero and span adjustment.

Because the flush membrane can be easily cleaned, this transmitter is particularly suitable for use with high viscosity materials, typically in such applications as petrochemical, waste water and slurry handling.



Standard Features

Pressure Ranges	0 to 4 bar through to 400 barG
Over-Pressure	Max. change $\pm 0.5\%$ FS at 1.5x FSD
Output Signal	4-20 mA (2 wire)
Zero Offset and Span Setting	± 0.08 mA
Process Media	fluids compatible with 316L stainless steel
Operating Temperature Range	-20° to +85°C
Temperature Effects	$\pm 2.5\%$ FS total error band for -20° to 70°C
Pressure Connection	1/2" BSP Male with integral nitrile seal and flush 316L diaphragm
Electrical Connection	Mating socket with screw terminal connections to DIN 43650, IP65-rated
Weight	195 grams
Certification	CE marked
Electromagnetic-compatibility:	
Emissions	EN50081-1
Immunity	EN50082-2

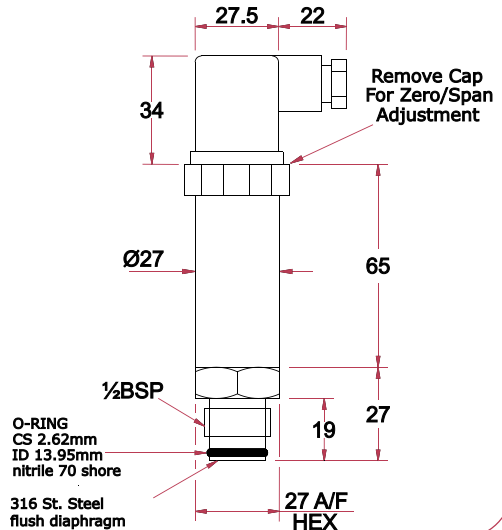
Supply Voltage:

Measured across supply terminals on connector plug

Type	Supply
4-20mA	13-36Vdc
0-5V	13-30Vdc
0-10V	13-30Vdc

Options	
Output Signal	0-5 Vdc (4 wire), 0-10 Vdc (4 wire)
Pressure Connection	1/2" NPT Male, 1" BSP Male
Intrinsically Safe Model	Ex 2 I G D / EEx ia IIC T4

DIMENSIONS (MM)



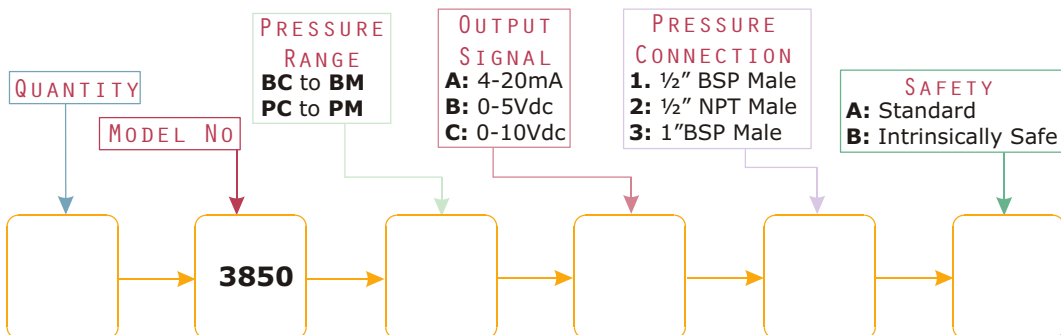


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ORDERING MATRIX ~ PCI3850

Locate the order code for your specification and enter it into the appropriate box. See the pressure range codes page for further information.



ORDERING MATRIX ~ PCI3860

Locate the order code for your specification and enter it into the appropriate box. See the pressure range codes page for further information.

