

Inductive alarm contacts to DIN 19 234

Application

Inductive alarm contacts operate without physical contact and with very little effect on the mechanical pressure measuring system.

Pressure gauges with inductive alarm contacts and an external control unit can be used in areas with potentially explosive atmospheres (zone1 and 2)
Type of protection EEx ib II C T6



Technical data

Nominal voltage	8 V = (Ri = 1 k OHM)
Operating voltage	5...25 V
No-load current	ca. 1...3 mA
Switching accuracy	ca.0,5 % from full scale value
Operating temperature	-20...+70 °C

Switching function			
Contact model	Clockwise pointer motion	Contact model	Clockwise pointer motion
I-1	contact closes	I-12	1.contact closes 2.contact opens
I-2	contact opens	I-21	1.contact opens 2.contact closes
I-11	1.contact closes 2.contact closes	I-22	1.contact opens 2.contact opens

