



In conjunction with the Suppression and/or Isolation Systems, the SUDetP6 detects incipient explosions by static pressure or dynamic pressure.

Explosion Sensor SUDetP6

TECHNICAL FEATURES SUDetP	
Principle of detection	Ceramic capacitive
Pressure	0-2000 mbarg absolute pressure
Overpressure	4000 mbarg
Explosion overpressure	5000 mbarg
Working temperature	-20°C to 60°C
MATERIAL	
In contact with the product	Aluminium / Stainless Steel / Ceramics
Enclosure	Aluminium or Stainless Steel
POWER	
Supply voltage	7,5V to 30V
Output	4-20 mA
MECHANICAL ASPECTS	
Electrical connection	Cable of 2m
Enclosure	IP65
Humidity (non-condensing)	80% max.
COMPLIANCE WITH ATEX AND IEC Ex REGULATIONS	
MARKING ATEX	
Ex II 1GD	Ex ia IIC T4 Ga Ex ia IIIC T135°C Da
PARAMETERS SPECIFIC PROTECTION MODE	
Ui	30 V
Ci	11 nF
Pi	1,0 W (-20°C ≤ Ta ≤ +80°C) 1,2 W (-20°C ≤ Ta ≤ +60°C)

