



mesens

## pressure transmitters for hazardous area

Ex ia II C T4

Accuracy 0,5%

## MPS570 Series



### Description

MPS570 series pressure transmitters are suitable for liquids, gas pressure measuring and controlling in the moderate media, with sensor probe working very well with long term stability at the high temperature of 85°C for hazardous area

The measuring ranges, graded in accordance with EN, range from -1 bar to the maximum pressure range of 1000 bar. The case and wetted parts comprise stainless steel and are thus resistant to chemically aggressive media. The pressure connection and measuring element are welded together, making the measuring system particularly resistant to mechanical shock or vibration.

### Features

- Compact design
- Protection type IP 65 or IP67 as optional
- Corrosion resistant stainless steel design
- Wide Measuring Range
- Simple Installation
- Various Output Signal

### Measuring Ranges

Code	Range	Code	Range	Code	Range
001	0...25 mBar	010	0...1,6 Bar	019	0...100 Bar
002	0...40 mBar	011	0...2,5 Bar	020	0...160 Bar
003	0...60 mBar	012	0...4 Bar	021	0...250 Bar
004	0...100 mBar	013	0...6 Bar	022	0...400 Bar
005	0...160 mBar	014	0...10 Bar	023	0...600 Bar
006	0...250 mBar	015	0...16 Bar	024	0...1000 Bar
007	0...400 mBar	016	0...25 Bar	025	0...1600 Bar
008	0...600 mBar	017	0...40 Bar	026	0...2500 Bar
009	0...1 Bar	018	0...60 Bar	XXX	Special Ranges

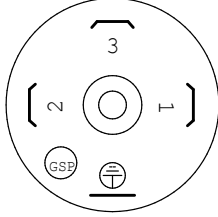
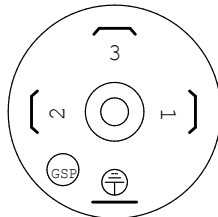


USKON AKIŞKAN KONTROL SİSTEMLERİ SANAYİ VE TİCARET LTD. ŞTİ.

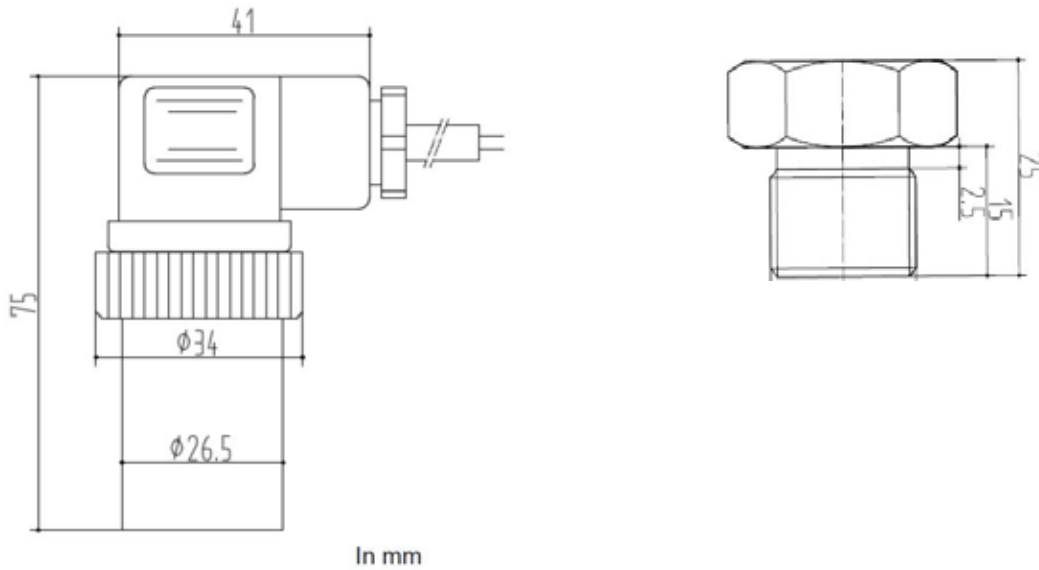
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## Wiring

Models	Lead	Number	
Output: 0-5V; 0-10V; DIN43650	Supply +	1	
	Signal +	2	
	Signal and Supply -	3	
Models	Lead	Color	
Output:4-20mA DIN43650	Supply+	1	
	Signal+	2	

## Dimensions



## Hazardous Specification

U <sub>i</sub>	: 28V DC	C <sub>i</sub>	: 0,033 $\mu$ F
I <sub>i</sub>	: 93 mA	L <sub>i</sub>	: 0 mH
P <sub>i</sub>	: 0,63 mW		

