

Selection and Ordering data		Order No.
<b>SITRANS P pressure transmitter for pressure MK II series</b>		<b>7MF4010 -</b>
2-wire system, Instruction Manual (in same language as rating plate; see "Further designs")		<b>- 1</b>
<b>Measuring cell filling</b>	<b>Measuring cell cleaning</b>	
Silicone oil	Standard	<b>1</b>
<b>Measured span</b>		
0.23 ... 1 bar g	(3.34 ... 14.5 psi g)	<b>B</b>
0.89 ... 4 bar g	(12.9 ... 58 psi g)	<b>C</b>
3.55 ... 16 bar g	(51.5 ... 232 psi g)	<b>D</b>
14.0 ... 63 bar g	(203 ... 914 psi g)	<b>E</b>
35.6 ... 160 bar g	(516 ... 2320 psi g)	<b>F</b>
<b>Wetted parts materials</b>		
Seal diaphragm	Connection shank	
Stainless steel	Stainless steel	<b>A</b>
Version for diaphragm seal <sup>1)</sup>		<b>Y</b>
<b>Process connection</b>		
• Connection shank G½A to EN 837-1		<b>0</b>
• Female thread ½-14 NPT		<b>1</b>
<b>Non-wetted parts materials</b>		
Housing made of die-cast aluminium		<b>0</b>
<b>Explosion protection</b>		
• without		<b>A</b>
• with ATEX, Type of protection:		<b>B</b>
- "Intrinsic safety (EEx ia)"		
- "Explosion-proof (EEx d)" <sup>2)</sup>		<b>D</b>
- "Intrinsic safety and explosion-proof enclosure (EEx ia + EEx d)" <sup>3)</sup>		<b>P</b>
• with FM + CSA, Type of protection:		
- "Intrinsic safety and explosion-proof (is + xp)" <sup>2)</sup>		<b>NC</b>
<b>Electrical connection / cable inlet</b>		
• Screwed gland Pg 13.5 (adapter)		<b>A</b>
• Screwed gland M20x1.5		<b>B</b>
• Screwed gland ½-14 NPT		<b>C</b>
• Han 7D plug (plastic housing) incl. mating connector		<b>D</b>
<b>Display</b>		
• without		<b>1</b>
• Housing cover with analog indicator, scale 0 ... 100%, linear divisions		<b>3</b>

Power supply units see "SITRANS I power supply units and input isolators".

- Included in delivery of the device:
- Brief instructions (Leporello)
  - CD-ROM with detailed documentation

1) When the manufacture's certificate M (calibration certificate) has to be ordered for transmitters with diaphragm seals, it is recommended only to order this certificate exclusively with the diaphragm seals. The measuring accuracy of the total combination is certified here.

2) Without cable gland, with blanking plug

3) With enclosed cable gland EEx ia and blanking plug

Selection and Ordering data		Order code
<b>Further designs</b>		
Please add "-Z" to Order No. and specify Order code.		
<b>Pressure transmitter with mounting bracket made of:</b>		
• Steel		<b>A01</b>
• Stainless steel		<b>A02</b>
<b>Plug</b>		
• Han 7D (metal, gray)		<b>A30</b>
• Han 8U (instead of Han 7D)		<b>A31</b>
<b>Rating plate inscription</b>		
(instead of German)		
• English		<b>B11</b>
• French		<b>B12</b>
• Spanish		<b>B13</b>
• Italian		<b>B14</b>
<b>English rating plate</b>		
Pressure units in H <sub>2</sub> O or psi		<b>B21</b>
<b>Manufacturer's test certificate M (calibration certificate)<sup>1)</sup></b>		<b>C11</b>
to DIN 55350, Part 18 4.2.2 and to ISO 9001		
<b>Factory certificate</b>		<b>C14</b>
to DIN 50049-2.2/EN 10204-2.2		
<b>use at zone 0</b>		<b>E02</b>
(only together with type of protection "Intrinsic safety (EEx ia)")		
<b>Additional data</b>		
<b>Measuring range to be set</b>		<b>Y01</b>
specify in plain text: Y01: ... to ... mbar, bar, kPa, MPa, psi		
<b>Measuring point number (TAG No.)</b>		<b>Y15</b>
max. 16 characters, specify in plain text: Y15: .....		
<b>Measuring point text</b>		<b>Y16</b>
max. 27 characters, specify in plain text: Y16: .....		

Only the settings for "Y01" can be made in the factory

Ordering example

- Item line: 7MF4010-1EA00-1AA3-Z
- B line: A01 + Y01
- C line: Y01: 10 ... 20 bar g (145 ... 290 psi g)