

Selection and Ordering data Order No. Order code

SITRANS P MPS pressure transmitter for gauge pressure (submersible sensor) C) 7MF1570- A0

2-wire system

Note: Junction box and cable hanger included in delivery

With PE cable

Measuring range	Cable length L		
0 ... 2 mH ₂ O	10 m	▶	1 C
0 ... 4 mH ₂ O	10 m	▶	1 D
0 ... 5 mH ₂ O	25 m	▶	1 B
0 ... 6 mH ₂ O	25 m	▶	1 E
0 ... 10 mH ₂ O	25 m	▶	1 F
0 ... 20 mH ₂ O	25 m	▶	1 G
0 ... 6 ftH ₂ O	32 ft		1 K
0 ... 12 ftH ₂ O	32 ft		1 L
0 ... 18 ftH ₂ O	82 ft		1 M
0 ... 30 ftH ₂ O	82 ft		1 N
0 ... 60 ftH ₂ O	82 ft		1 P

Special cable length/Special measuring range¹⁾ 9 A H . . +

Please add „-Z“ to Order No. and specify Order code and plain text. Y 0 1

Note: Indication of measuring range Y01 is always necessary.

3 m			H 1 A
5 m			H 1 B
7 m			H 1 C
10 m			H 1 D
15 m			H 1 E
20 m			H 1 F
25 m			H 1 G
30 m			H 1 H
40 m			H 1 J
50 m			H 1 K
60 m			H 1 L
70 m			H 1 M
80 m			H 1 N
90 m			H 1 P
100 m			H 1 Q
125 m			H 1 R
150 m			H 1 S
175 m			H 1 T
200 m			H 1 U
225 m			H 1 V
250 m			H 1 W
275 m			H 1 X
300 m			H 2 A
350 m			H 2 B
400 m			H 2 C
450 m			H 2 D
500 m			H 2 E
550 m			H 2 F
600 m			H 2 G
650 m			H 2 H
700 m			H 2 J
750 m			H 2 K
800 m			H 2 L
850 m			H 2 M
900 m			H 2 N
950 m			H 2 P
1000 m			H 2 Q

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SITRANS P MPS pressure transmitter for gauge pressure (submersible sensor) C) 7MF1570- A0

2-wire system

Note: Junction box and cable hanger included in delivery

With FEP cable

Measuring range	Cable length L		
0 ... 2 mH ₂ O	10 m	▶	5 C
0 ... 4 mH ₂ O	10 m	▶	5 D
0 ... 5 mH ₂ O	25 m	▶	5 B
0 ... 6 mH ₂ O	25 m	▶	5 E
0 ... 10 mH ₂ O	25 m	▶	5 F
0 ... 20 mH ₂ O	25 m	▶	5 G
0 ... 6 ftH ₂ O	32 ft		5 K
0 ... 12 ftH ₂ O	32 ft		5 L
0 ... 18 ftH ₂ O	82 ft		5 M
0 ... 30 ftH ₂ O	82 ft		5 N
0 ... 60 ftH ₂ O	82 ft		5 P

Special cable length/Special measuring range¹⁾ 9 A H . . +

Please add „-Z“ to Order No. and specify Order code and plain text. Y 0 1

Note: Indication of measuring range Y01 is always necessary.

3 m			H 5 A
5 m			H 5 B
7 m			H 5 C
10 m			H 5 D
15 m			H 5 E
20 m			H 5 F
25 m			H 5 G
30 m			H 5 H
40 m			H 5 J
50 m			H 5 K
60 m			H 5 L
70 m			H 5 M
80 m			H 5 N
90 m			H 5 P
100 m			H 5 Q
125 m			H 5 R
150 m			H 5 S
175 m			H 5 T
200 m			H 5 U
225 m			H 5 V
250 m			H 5 W
275 m			H 5 X
300 m			H 6 A
350 m			H 6 B
400 m			H 6 C
450 m			H 6 D
500 m			H 6 E
550 m			H 6 F
600 m			H 6 G
650 m			H 6 H
700 m			H 6 J
750 m			H 6 K
800 m			H 6 L
850 m			H 6 M
900 m			H 6 N
950 m			H 6 P
1000 m			H 6 Q

Selection and Ordering data	Order No.	Order code
<p>SITRANS P MPS pressure transmitter for gauge pressure (submersible sensor) C)</p> <p>2-wire system</p> <p>Note: Junction box and cable hanger included in delivery</p>	<p>7MF1570 -</p>	<p>A0</p>
<p>Explosion protection</p> <ul style="list-style-type: none"> • None • with type of protection "intrinsic safety" (Ex II 1 G EEx ia IIC T4) 		<p>1</p> <p>2</p>
<p>Approvals</p> <ul style="list-style-type: none"> • with drinking water approval to WRAS and ACS 		<p>6</p>
<p>Further designs</p> <p>Quality inspection certificate (factory calibration) to IEC 60770-2, add „-Z“ to order no. and add order code.</p> <p>Indication of measuring range (only at special cable lengths) in „... to ... mH₂O“ or „... to ... ftH₂O“</p>	<p>Order code</p> <p>C11</p> <p>Y01</p>	
<p>Accessories (as spare part)</p> <p>Junction box for connecting the transmitter cable</p> <p>Cable hanger for attachment of transmitter</p> <p>► Available ex stock</p> <p>Power supply units see Chap. 8 "Supplementary Components".</p>	<p>Order No.</p> <p>7MF1570-8AA</p> <p>7MF1570-8AB</p>	

1) Special measuring ranges of between 0 ... 1 mH₂O (0 ... 3 ftH₂O) and 0 ... 200 mH₂O (0 ... 656 ftH₂O) and special cable lengths of up to 1000 m (3281 ft) are possible. With Ex versions the max. custom cable length is 50 m (150 ft). The length of free hanging cable should not exceed 375 m (1230 ft).

Note: Due to mounting reasons it has to be considered that the cable always must be longer than the height of the liquid column to be measured.

C) Subject to export regulations AL: N, ECCN: EAR99.