

Selection and ordering data		Order No.
<b>Replacement measuring cells for differential pressure</b> SITRANS P pressure transmitters for differential pressure and flow, P500 HART PN 160 series (MAWP 2320 psi)		D) 7MF5994 - 1
<b>Measuring cell filling</b> Silicone oil	<b>Measuring cell cleaning</b> normal	1
<b>Measuring span (min. ... max.)</b>		
1.25 ... 250 mbar	(0.5 ... 100.4 inH <sub>2</sub> O)	D
6.25 ... 1250 mbar	(2.5 ... 502 inH <sub>2</sub> O)	E
<b>Wetted parts materials</b> (stainless steel process flanges)		
Seal diaphragm	Parts of measuring cell	
stainless steel	stainless steel	A
Hastelloy	stainless steel	B
Monel	stainless steel	C
<b>Process connection</b> Female thread 1/4-18 NPT		
• Sealing screw opposite process connection		
- Mounting thread 7/16-20 UNF to IEC 61518		0
- Mounting thread M10 to DIN 19213		1
• Vent on side of process flange		
- Mounting thread 7/16-20 UNF to IEC 61518		4
- Mounting thread M10 to DIN 19213		5
<b>Further designs</b>		Order code
Add "-Z" to Order No. and specify Order Code.		
<b>Acceptance test certificate</b>		<b>C12</b>
Acc. to EN 10204-3.1		
Without process flanges		<b>K00</b>
Vent on side for gas measurements <sup>1)</sup>		<b>L32</b>
<b>Process flanges, O-ring, special material</b> <b>Standard: Viton (FKM (FPM))</b>		
Process connection sealing rings made of PTFE (Teflon), virginial		<b>L60</b>
Process connection sealing rings made of PTFE (Teflon), glass fiber-reinforced		<b>L61</b>
Process connection sealing rings made of FFKM (Kalrez)		<b>L62</b>
Process flanges, O-rings made of NBR		<b>L63</b>

<sup>1)</sup> Only in conjunction with process connection code 4 or 5.

D) Subject to export regulations AL: N, ECCN: EAR99H.

## Selection and Ordering data

	Order No.
<b>Mounting brackets</b> For differential pressure transmitters with flange thread M10 (7MF54...10 and 7MF54...50) <ul style="list-style-type: none"> <li>made of steel</li> <li>made of stainless steel</li> </ul>	<b>7MF5987-1AA</b> <b>7MF5987-1AD</b>
<b>Mounting brackets</b> for differential pressure transmitter with flange thread 7/16-20 UNF (7MF54...00 and 7MF54...40) <ul style="list-style-type: none"> <li>made of steel</li> <li>made of stainless steel</li> </ul>	<b>7MF5987-1AC</b> <b>7MF5987-1AF</b>
<b>Cover</b> Made of die-cast aluminum, including O-ring <ul style="list-style-type: none"> <li>without window</li> <li>with window</li> </ul>	<b>7MF5987-1BE</b> <b>7MF5987-1BF</b>
<b>Digital indicator</b> Including mounting material	<b>7MF5987-1BR</b>
<b>TAG plate (incl. fastening material)</b> without inscription (5 pcs.) C) Printed (1 pc.) C) Data according to Y01 or Y02, Y15 and Y16 (see "SITRANS P transmitters")	<b>7MF5987-1CA</b> <b>7MF5987-1CB-Z</b> <b>Y..: .....</b>
<b>Mounting screws</b> For TAG plate, grounding and connection terminals and securing and locking screws (30 units) C)	<b>7MF5987-1CC</b>
<b>Sealing plugs for process flange</b> (1 set = 2 units) <ul style="list-style-type: none"> <li>made of stainless steel</li> <li>made of Hastelloy</li> </ul>	<b>7MF4997-1CG</b> <b>7MF4997-1CH</b>
<b>Vent valve</b> Complete (1 set = 2 units) <ul style="list-style-type: none"> <li>made of stainless steel</li> <li>made of Hastelloy</li> </ul>	<b>7MF4997-1CP</b> <b>7MF4997-1CQ</b>
<b>Electronics module</b> HART, intrinsically safe Ex ia for installation in transmitter casing (observe warranty conditions) C)	<b>7MF5987-1DC</b>
<b>Connection board (incl. fastening material)</b> HART, intrinsically safe Ex ia for installation in transmitter casing (observe warranty conditions)	<b>7MF5987-1DM</b>
<b>O-rings for process flanges made of:</b> <ul style="list-style-type: none"> <li>Viton (FKM (FPM)) (10 pcs.) F)</li> <li>NBR (Buna N) (10 pcs.) F)</li> </ul>	<b>7MF5987-2DA</b> <b>7MF5987-2DE</b>
<b>Push buttons assembly (incl. fastening material)</b> For replacement of operating keys for on-site operation of the transmitter	<b>7MF5987-2AF</b>
<b>Sealing ring for</b> <ul style="list-style-type: none"> <li>Process connection</li> <li>NBR sealing ring for screw cover (10 pcs.)</li> <li>NBR sealing ring for interface measuring cell/housing (10 pcs.) F)</li> </ul>	<b>See catalog FI01, "Fittings"</b> <b>7MF4997-2EA</b> <b>7MF5987-2EB</b>

## Selection and Ordering data

	Order No.
<b>Operating Instructions<sup>1)</sup></b> German English French Italian Spanish	<b>A5E02344527</b> <b>A5E02344528</b> <b>A5E02344529</b> <b>A5E02344530</b> <b>A5E02344531</b>
<b>Compact operating instructions<sup>1)</sup></b> English, German, Spanish, French, Italian, Dutch English, Estonian, Latvian, Lithuanian, Polish, Romanian English, Bulgarian, Czech, Finnish, Slovakian, Slovenian English, Danish, Greek, Portuguese, Swedish, Hungarian Russian	<b>A5E02344532</b> <b>A5E02307339</b> <b>A5E02307340</b> <b>A5E02307341</b> <b>A5E02307338</b>
<b>Brief instructions (Leporello)</b> German, English French, English Italian, English Spanish, English Chinese, English Russian, English	<b>A5E02344536</b> <b>A5E02344537</b> <b>A5E02344538</b> <b>A5E02344539</b> <b>A5E02344540</b> <b>A5E02556625</b>
<b>CD with documentation</b> German, English, French, Spanish, Italian	<b>A5E02344535</b>
<b>Service Instructions<sup>1)</sup></b> for replacement of electronics, measuring cell and terminal board <ul style="list-style-type: none"> <li>german</li> <li>english</li> </ul>	<b>A5E02822443</b> <b>A5E02344534</b>
<b>HART modem</b> <ul style="list-style-type: none"> <li>with RS232 interface ▶D)</li> <li>with USB interface ▶D)</li> </ul>	<b>7MF4997-1DA</b> <b>7MF4997-1DB</b>
<b>Supplementary electronics for 4-wire connection</b>	<b>A5E00322799</b>
<b>Certificates (order only via SAP) additional to internet download</b> <ul style="list-style-type: none"> <li>hard copy (to order)</li> <li>on CD (to order)</li> </ul>	<b>A5E03252406</b> <b>A5E03252407</b>

<sup>1)</sup> You can download these operating instructions free-of-charge from our Internet site at [www.siemens.com/sitransp](http://www.siemens.com/sitransp).

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

D) Subject to export regulations AL: N, ECCN: EAR99H.

F) Subject to export regulations AL: 9I999, ECCN: N.

▶ Available ex stock.

For power supply units, see catalog FI01 "Supplementary Components".