

Selection and Ordering data		Order No. Ord.code			
Diaphragm seal		7 M F 4 9 1 0 -			
Directly fitted to a pressure transmitter SITRANS P for pressure 7MF403.-... and 7MF423.-... together with Order code "V01" (vacuum-proof design) and 7MF802.-... ¹⁾ ; must be ordered separately					
Process connection					
• Vertical (pressure transmitter upright)		0			
• Horizontal		2			
Nominal diameter and nominal pressure					
• DN 50	PN 40	A			
	PN 100	B			
• DN 80	PN 40	D			
	PN 100	E			
• DN 100	PN 10/16	G			
	PN 25/40	H			
• 2 inch	Class 150	L			
	Class 300	M			
	class 400/600	N			
	class 900/1500	P			
		V			
• 3 inch	Class 150	Q			
	Class 300	R			
	Class 600	S			
• 4 inch	Class 150	T			
	Class 300	U			
	Class 400	V			
Smooth sealing face to DIN 1092-01, form B1 or B2, or to ASME B16.5 125 ... 250 AA or RFSF					
Other version Add Order code and plain text: Nominal diameter: ...; Nominal pressure: ...		Z		J 1 Y	
Wetted parts materials					
• Stainless steel 316L					
- without coating		A			
- with PTFE coating		E 0			
- with ECTFE coating ²⁾		F			
- with PFA coating		D			
• Monel 400, mat. No. 2.4360		G			
• Hastelloy C276, mat. No. 2.4819		J			
• Hastelloy C4, mat. No. 2.4610		U			
• Tantalum		K			
• Duplex 2205, W.-Nr. 1.4462		Q			
• Duplex 2205, W.-Nr. 1.4462, incl. main body		R			
Tube length					
• Without tube		0			
• 50 mm		1			
• 100 mm		2			
• 150 mm		3			
• 200 mm		4			
Other version: Add Order code and plain text: Wetted parts materials: ..., Tube length: ...		Z 8		K 1 Y	

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Filling liquid					
• Silicone oil M5			1		
• Silicone oil M50			2		
• High-temperature oil			3		
• Halocarbon oil (for measuring O ₂) ³⁾			4		
• Glycerin/water ⁴⁾			6		
• Food oil (FDA listed)			7		
Other version Add Order code and plain text: Filling liquid: ...			9		M 1 Y
Further designs		Order code			
Please add "-Z" to Order No. and specify Order code.					
Spark arrestor		A01			
With spark arrestor for mounting on zone 0 (including documentation) for transmitters for gauge pressure and absolute pressure					
Certificate to EN 10204-2.2		E10			
For certification of oil - and grease-free cleaned and packed version for oxygen and summer applications in which only inert filling liquid may be used. (Only in conjunction with halocarbon oil fill fluid)					
Quality inspection certificate (Five-step factory calibration) to IEC 60770-2		C11			
Inspection certificate to EN 10204, section 3.1		C12			
Functional safety certificate ("SIL 2") to IEC 61508 (Only in conjunction with the order code "C20" in the case of SITRANS P DSIII transmitter)		C20			
Functional safety certificate ("SIL 2/3") to IEC 61508 (Only in conjunction with the order code "C23" in the case of SITRANS P DSIII transmitter)		C23			
NACE MR-0175-certified incl. acceptance test certificate 3.1 to EN 10204		D07			
Vacuum-proof design for use in low-pressure range for transmitters for gauge pressure		V01			

- With 7MF802.-... and the measuring cells Q, S, T and U also order the vacuum-tight version.
- For vacuum on request.
- Oil- and grease- free cleaning to DIN 25410, level 2 and packaging included in the scope of delivery.
- Not suitable for use in low-pressure range.