

TABLE 9-3 Model 7MF4333, Model Designation

Absolute pressure, differential pressure construction, two-wire, series DSIII, 7MF4333-				-						
<u>Measuring cell filling</u>		<u>Measuring cell cleaning</u>								
Silicone oil		Normal								
Inert		Grease-free								
<u>Span</u>		<u>PN</u>								
3.3 inH ₂ Oa	To	100 inH ₂ Oa	460 psi							
20 inH ₂ Oa	To	525 inH ₂ Oa	460 psi							
2.3 psia	To	72 psia	460 psi							
14.5 psia	To	435 psia	460 psi							
77 psia	To	2320 psia	3625 psi							
<u>Material of the wetted parts (stainless steel process flanges)</u>										
<u>Process diaphragm</u>		<u>Parts of the measuring cell</u>								
Stainless steel		Stainless steel								
Hastelloy		Stainless steel								
Hastelloy		Hastelloy								
Tantalum		Tantalum								
Monel		Monel								
Gold ¹⁾		Gold								
Version for diaphragm remote seal ²⁾										
<u>Process connection</u>										
Female thread 1/4-18 NPT with flange connection										
DIN 19213 with venting opposite process connection										
- Mounting thread		M 10 ⁷⁾								
		7/16-20 UNF								
Venting on side of process flange ³⁾										
- Mounting thread		M 10								
		7/16-20 UNF								
<u>Material of the non-wetted parts</u>										
<u>Process flange screws</u>		<u>Electronics housing</u>								
Steel		Diecast aluminum								
Stainless steel		Diecast aluminum								
Stainless steel		Stainless steel precision casting								
<u>Version</u>										
Standard version										
International version (in preparation) plate label in English and documentation in 5 languages on CD										
<u>Explosion protection</u>										
without explosion protection										
with explosion protection (CENELEC):										
- Degree of protection "Intrinsic safety" (EEx ia) ⁶⁾										
- Degree of protection "Explosion proof" (EEx d) ^{4) 6)}										
- Degree of protection "Intrinsic safety and explosion proof" (EEx ia + EEx d) ^{3) 4) 6)}										
Application in zone 2 n (TÜV) ⁶⁾										
with explosion protection (FM intrinsic safety and explosion proof) ^{3) 4)}										
with explosion protection (CSA intrinsic safety and explosion proof) ^{3) 4)}										
with explosion protection (FM +CSA for IS + XP)										
<u>Electrical connection / cable inlet</u>										
Screwed gland PG 13.5 ^{5) 6)}		(Adapter)								
Female thread M 20 x 1,5										
Female thread 1/2-14 NPT										
Han 7D plug ^{5) 6)}										
<u>Housing cover / display</u>										
without window (digital display covered, setting: mA)										
with window (digital display visible, setting: mA)										
with window (digital display visible, setting: as specified in Y20)										

Notes and "Other versions" on next page.

Other versions

Add "-Z" to order number and add short specification	7MF4333 - - Z
Transmitter with mounting bracket of:	
- steel	A01
- stainless steel	A02
Process flange O-ring (instead of FPM (Viton)) of:	
- PTFE (Teflon)	A20
- FEP (with silicone core, foodstuff compatible)	A21
- FFPM (Kalrez)	A22
- NBR (buna N)	A23
Han 7D plug (metal, gray) ⁶⁾	A30
Han 8U plug (instead of Han 7D) ⁶⁾	A31
Sealing screw (1/4-18 NPT) with valve in same material as process flange	A40
Labeling of rating plate (instead of German):	
- English	B11
- French	B12
- Spanish	B13
- Italian	B14
Manufacturer test certificate M acc. to DIN 55 350, Part 18, and per ISO 8402	C11
Acceptance test certificate B acc. to DIN 50 049 / EN 10 204-3.1 B	C12
Works certificate acc. to DIN 50 049-2.2 / EN 10 204-2.2	C14
Setting of the upper output signal limit to 22.0 mA	D05
Acid gas version according to NACE: Only with Hastelloy process diaphragm and stainless steel process flange screws	D07
IP 68 (not with Han 7D/Han 8U plug or cable screwed gland Pg 13.5)	D12
Application in zone 0 (basic device EEx ia) ⁴⁾⁶⁾	E02
Side vent for gas measurement ⁴⁾	H02
Process flange:	
- without process flange	K00
- Hastelloy flange ⁷⁾	K01
- Monel flange ⁷⁾	K02
Measuring range to be set, specify in clear text:	
Y01: 0 to ... mbar, psi, kPa, MPa, ... (27 characters maximum)	Y01
Tag number / description (16 characters maximum), specify in clear text:	Y15
Tag message (27 characters maximum) specify in clear text:	Y16
Setting digital display, specify in clear text	
Analog display, specify in clear text: mbar, psi, kPa, MPa, ...	Y20
Factory pre-settings other than "Y01", "Y20" and "D05" are not possible.	

Notes:

¹⁾ Only with stainless steel process flange screws

²⁾ Version 7MF4333-1DY - Only up to a maximum span of 2.9 psi

³⁾ Not for span G, H, or K

⁴⁾ Without cable screwed gland

⁵⁾ Not with explosion proof degree of protection

⁶⁾ Not FM approved

⁷⁾ Maximum PN 2320 psi static