



Analog Output Pressure Switch

ATMGR	2	7	X	X	X	X	X	X	X	X	X	X	X	X
Pressure type														
Gauge			1											
Absolute			2											
Sealed gauge			3											
Pressure range														
1 psi to < 1.5 psi			X	X										
1.5 psi to 8500 psi			X	X										
> 8500 psi			X	X										
Negative ranges / offset / special adjustment			9	9										
Pressure connection														
1/4 NPT male				1	0									
1/4 NPT female				8	1									
1/2 NPT male				1	9									
MS33656-4 (AN-4 male, 7/16-20 UNJF)				8	0									
MS33656-4 (AN-4 male, except with 7/16-20 UNF threads)				8	2									
G 1/2 BSP male with frontal diaphragm				1	4									
G 1/2 BSP male with flush diaphragm				1	5									
1/2 NPT male with flush diaphragm				2	7									
Customized connection				9	9									
Electrical connection														
Connector Binder 723, 12 pins ¹⁾²⁾					4	5								
PVC cable, arev ²⁾ price per foot					1	0								
Customized connection					9	9								
Output signal														
0 to 20 mA, 2 relays						1	4							
4 to 20 mA, 2 relays						1	5							
Customized output signal						9	9							
Accuracy														
≤ 8500 psi ≤± 0.5 % FS							0							
≤± 0.25% FS							1							
≤± 0.1% FS							2							
> 8500 psi ≤± 1% FS							5							
≤± 0.5% FS							0							
≤± 0.25% FS							1							
Temperature range														
32 to 160°F / 0 to 70°C comp. (media temp. 32 to 176°F / 0 to 80°C)							0							
77 to 212°F / 25 to 100°C comp. (media temp. -15 to 212°F / -25 to 100°C)							7							
-15 to 185°F / -25 to 85°C comp. (media temp. -15 to 212°F / -25 to 100°C)							1							
-15 to 185°F / -25 to 85°C comp. (media temp. -15 to 300°F / -25 to 150°C), with cooling fins							2							
-40 to 212°F / -40 to 100°C comp. (media temp. -40 to 212°F / -40 to 100°C)							3							
-40 to 212°F / -40 to 100°C comp. (media temp. -40 to 300°F / -40 to 150°C), with cooling fins							4							
68 to 212°F / 20 to 100°C comp. (media temp. -15 to 300°F / -25 to 150°C), with cooling fins							6							
Customized temp. range							9							
Options														
Pressure snubber														A
Elektronics packed in gel (gauge sensors) (absolute & sealed gauge)														C
Special oil filling: For food applications AS100 (suitable for -65 to 300°F / -55 to 150°C media temperature) PAO4 (silicone free)														D
Seals: Viton (Standard)														G
EPDM seals														J
Kalrez														Q
Titanium construction														U
														S
														T
														K

NOTES:

1) Cable socket not included

2) Demountable version