

Mechanical Pressure Switch Datasheet

Project number	
Purchase order	
Requisition	

GENERAL					FUNCTIONAL LOCATION					
1	TAG number				53	Service				
2	PID number				54	Location				
3	Line or equipment number				55	Hazardous area classification				
4	Hook-up drawing number				56	Minimum protection type				
5					57					
PROCESS CONDITIONS					AMBIENT CONDITIONS					
6		Units	Min.	Operat.	Max.	58		Units	Min.	Max.
7	Operating pressure	unit				59	Ambient temperature	unit		
8	Design pressure	unit				60	Humidity range	unit		
9	Operating temperature	unit				61	Altitude	unit		
10	Design temperature	unit				62	Corrosivity cat. (ISO 12944-2)			
11	Fluid name				63					
12	Fluid state				SWITCH					
13	Fluid contains solids				64	Number of switches				
14	Abrasiveness				65	Switch contact				
15					66	Contact version				
SENSOR ELEMENT					67	Rating (resistive load)				
16	Element type				68	Terminals maximum wire size				
17	Type of pressure				69	Setpoint switch 1	unit		Direction	
18	Operating temperature	unit	Min.	Max.	70	Setpoint switch 2	unit		Direction	
19	Max. working pressure	unit			71					
20	Burst pressure	unit			ACCESSORIES					
21	Range	unit	Min.	Max.	72	Manifold type	Manifold mat.			
22	Repeatability				73	Manifold instrument connection				
23	Dead band	Size	unit		74	Manifold process connection				
24	Element material				75	Approvals / Options				
25	Process/chem. seal connection				76					
26	Process/chem. seal connect. mat.				77					
27	Material certif. sensor element				78					
28					ENCLOSURE					
CHEMICAL SEAL					79	Enclosure material				
29	L press. side	Seal type			80	Ingress protection				
30		Seal mounting			81	Hazardous area class. + protect.				
31		Diaphragm exten. length			82	Cable gland entry				
32		Seal wetted parts mat.			83	Mounting				
33		Seal model number			84					
34	H press. side	Seal type			NOTES					
35		Seal mounting			85					
36		Diaphragm exten. length			86					
37		Seal wetted parts mat.			87					
38		Seal model number			88					
39		Seal upper mat.	Flange mat.		89					
40	Capillary length	unit	L-side	H-side	SUPPLIER INFORMATION					
41	Capillary internal diameter				90	Vendor				
42	Capillary material				91	Manufacturer				
43	Capillary armor material				92	Pressure switch model				
44	Capillary fill fluid				93	Vendor stamp				
45	Process connection				94					
46	Material certif. chemical seal				95					
47					96					
REFERENCE DOCUMENTS/APPLICABLE SPECIFICATIONS					RELIABILITY DATA					
48	Number	Rev	Title		97	Fail safe detected (FIT)				
49					98	Fail safe undetected (FIT)				
50					99	Fail dangerous detected (FIT)				
51					100	Fail dangerous undetected (FIT)				
52					101	Safe failure fraction (SFF) (%)				
Doc. nr.:			DATE	REV	BY	CHK	APP	SUBJECT OF REVISION		