

Project number	
Purchase order	
Requisition	

# DATASHEET

## MECHANICAL PRESSURE SWITCH

DATE	REV	BY	CHK	APP	SUBJECT OF REVISION

Doc. nr.:

AMBIENT CONDITIONS				ACCESSORIES (only if requested on next page)			
1		Units		59	Manifold type	Manifold mat.	
2	Ambient temperature	unit	Min.     Max.	60	Manifold instrument connection		
3	Humidity range	unit		61	Manifold process connection		
4	Altitude	unit		62			
5	Corrosivity cat. (ISO 12944-2)			63			
6	Hazardous area classification			64			
7	Minimum protection type			65			
8				66			
9				67			
SENSOR ELEMENT				CHEMICAL SEAL (only if requested on next page)			
10	Element type			68	Seal type		
11	Type of pressure			69	L-press. side	Seal mounting	
12	Element material			70		Diaphragm exten. length	
13	Process/chem. seal connect. mat.			71	Seal wetted parts mat.		
14				72	H-press. side	Seal model number	
15				73		Seal type	
SWITCH				74	Seal mounting		
16	Switch contact			75	Diaphragm exten. length		
17	Contact version			76	Seal wetted parts mat.		
18	Rating (resistive load)			77	Seal model number		
19	Terminals maximum wire size			78	Seal upper mat.	Flange mat.	
20				79	Capillary length	unit	L-side     H-side
21				80	Capillary internal diameter		
ENCLOSURE				81	Capillary material		
22	Enclosure material			82	Capillary armor material		
23	Ingress protection			83	Capillary fill fluid		
24	Hazardous area class. + protect.			84			
25	Cable gland entry			85			
26				86			
27				87			
28				88			
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41				101			
NOTES				102			
42				103			
43				104			
44				105			
45				106			
46				SUPPLIER INFORMATION			
47				107	Vendor		
48				108	Manufacturer		
49				109	Vendor stamp		
50				110			
51				111			
52				112			
53				113			
REFERENCE DOCUMENTS/APPLICABLE SPECIFICATIONS				RELIABILITY DATA			
54	Number	Rev	Title	114	Fail safe detected (FIT)		
55				115	Fail safe undetected (FIT)		
56				116	Fail dangerous detected (FIT)		
57				117	Fail dangerous undetected (FIT)		
58				118	Safe failure fraction (SFF) (%)		



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Pos.	TAG N°	Process fluid	Range	Dead band	Dead band size	Process Connection	Number of switches	Switch 1		Switch 2		Options	Approvals	Pressure switch model
								Setpoint	Direction	Setpoint	Direction			
1														
2														
3														
4														
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| <p>27 <b>Options</b></p> <p>28 A. Cleaned for oxygen service</p> <p>29 B. Factory adjusted setpoint(s)</p> <p>30 C. Chemical seal</p> <p>31 D. Manifold</p> <p>32 E1. Mounting directly on process</p> <p>33 E2. Mounting bracket for wall mounting</p> <p>34 E3. Mounting bracket for 2" pipe</p> <p>35</p> <p>36</p> <p>37</p> <p>38</p> <p>39</p> <p>40</p> | <p><b>Approvals</b></p> <p>A. EC Declaration of conformity</p> <p>B. ATEX certificate</p> <p>C. PED certificate</p> <p>D. SIL2 certificate</p> <p>E. NACE MR0175 / ISO 15156 certificate</p> <p>F. Material certificate per EN 10204 3.1 (sensor element)</p> <p>G. Material certificate per EN 10204 3.1 (chemical seal)</p> |
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