

Project number	
Purchase order	
Requisition	

DATASHEET

RTD TEMPERATURE TRANSMITTER

DATE	REV	BY	CHK	APP	SUBJECT OF REVISION

Doc. nr.:

TAG number
Service
GENERAL

1	PID number			
2	Line or equipment number			
3	Hook-up drawing number			
4	Location			
5	Hazardous area classification			
6				
7				

PROCESS CONDITIONS

8		Units	Min.	Operat.	Max.	Min.	Operat.	Max.	Min.	Operat.	Max.
9	Operating pressure	unit									
10	Design pressure	unit									
11	Operating temperature	unit									
12	Design temperature	unit									
13	Fluid name										
14	Fluid state										
15	Corrosive compounds										
16											
17											

AMBIENT CONDITIONS

18		Units	Min.	Max.	Min.	Max.	Min.	Max.
19	Ambient temperature	unit						
20	Humidity range	unit						
21	Altitude	unit						
22	Corrosivity cat. (ISO 12944-2)							
23								
24								

SENSOR ELEMENT

25	Element type							
26	Design standard / Tolerance							
27	Element operating limit	unit	Min.	Max.	Min.	Max.	Min.	Max.
28	Number of sensors							
29	Wire configuration							
30	Element outside diameter							
31	Insertion length							
32	Shielded length							
33	Sheath material							
34	Process / thermowell connection							
35								
36								

TRANSMITTER

37	Mounting							
38	Measuring range	unit						
39	Calibrated span	unit						
40	Reference accuracy (% of span)							
41	Repeatability							
42	Long term stability							
43	Power supply	unit	Min.	Max.	Min.	Max.	Min.	Max.
44	Output signal / communication							
45	Failure alarm output							
46	Specific linearisation							
47	Hazardous area class. + protect.							

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TAG number			
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Service			
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ENCLOSURE			
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1	Enclosure material		
2	Protective coating		
3	Ingress protection		
4	Cable gland entry		
5			
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ACCESSORIES			
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7	Thermowell		
8	Mounting bracket		
9	Other options		
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14	Approvals		
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SUPPLIER'S REFERENCE			
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20	Temperature transmitter model		
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NOTES			
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REFERENCE DOCUMENTS/APPLICABLE SPECIFICATIONS	RELIABILITY DATA
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40	Number	Rev	Title	Fail safe detected (FIT)
41				Fail safe undetected (FIT)
42				Fail dangerous detected (FIT)
43				Fail dangerous undetected (FIT)
44				Safe failure fraction (SFF) (%)
45				

SUPPLIER INFORMATION

46				SUPPLIER INFORMATION
47				Vendor
48				Manufacturer
49				Vendor stamp
50				
51				
52				
53				
54				