Compact temperature switch, flameproof enclosure Ex d

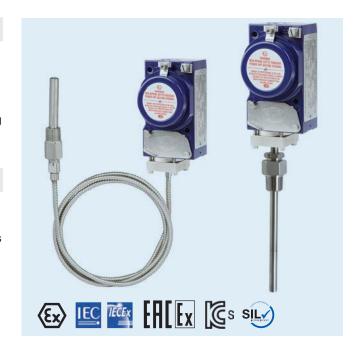
06/2016

Applications

- Temperature monitoring and control of processes
- Safety-critical applications in general process instrumentation, especially in the chemical and petrochemical industries, oil and gas industries, power generation incl. nuclear power plants, water/wastewater industries, mining
- For measuring points with limited space, e.g. control panels

Special features

- No power supply needed for switching of electrical loads
- Setting ranges from -30 ... +10 °C to 160 ... 250 °C
- Robust switch enclosure from aluminium alloy or stainless steel, IP 66, NEMA 4X
- 1 set point, SPDT or DPDT, high switching power up to AC 250 V, 15 A
- Direct mounting or remote mounting with capillary ≤ 10 m



Order numbers		
Case	aluminium, epoxy resin coated	
Sensor	direct mounting	remote mounting with capillary, length 2 m
Process connection	1/2 NPT male	
Electrical connection	1/2 -14 NPT-F	
Electric contacts	A - 1xSPDT, silver contact	
Setting range		
-15 +40°C	14160369	14160371
10 70 °C	14160372	14160374
40 100°C	14160373	14160375
70 120°C	14160376	14160377
90 160°C	14160378	14160379
130 190 °C	14160380	14160381

Legend: available from stock in Germany available after production ---- not available



Field no.	Code	Version
Switch encl	osure	
1	2	aluminium, epoxy resin coated
	4	stainless steel 316L
Sensor		
2	В	direct mounting
	С	remote mounting with capillary, length 2 m
	Q	remote mounting with capillary, length 5 m
	R	remote mounting with capillary, length 10 m
Contacts		
3	Α	1xSPDT, silver contact
	В	1xSPDT, silver contact, hermetically sealed with argon gas
	С	1xSPDT, gold-plated contact, hermetically sealed with argon gas
	G	1xDPDT, silver contact
	Н	1xDPDT, silver contact, hermetically sealed with air
Setting rang	je	
	CAA	-30 +10 °C, working range -40 +60 °C, proof temperature +90 °C
	CAB	-15 +40 °C, working range -40 +60 °C, proof temperature +90 °C
	CAC	10 70 °C, working range -40 +70 °C, proof temperature +90 °C
	CAD	40 100 °C, working range -40 +120 °C, proof temperature +140 °C
4	CAE	70 120 °C, working range -40 +170 °C, proof temperature +180 °C
	CAF	90 160 °C, working range -40 +170 °C, proof temperature +180 °C
	CAG	130 190 °C, working range -40 +190 °C, proof temperature +210 °C
	CAH	160 250 °C, working range -40 +280 °C, proof temperature +300 °C
Process cor	nection	
	E	1/2 NPT male
(5)	F	3/4 NPT male
	G	G 1/2 A male
	н	G 3/4 A male
Special des	ign features	
6	Н	helical bulb
	N	NACE
	Z	without
Ambient co	ndition / app	lication condition
	D1	suitable for ambient temperature up to -60°C
7	01	Offshore
	ZZ	without



Please specify approvals and certificates via free text. C5 Flameproof Ex d IECEx-ATEX C4 SIL 2 for functional safety

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