

ADJUSTABLE TEMPERATURE SWITCH ATEX-CSA TYPE 132TC

Contact SPDT or DPDT
 Certification Atex, CSA, CENELEC
 Execution Explosion proof, hermetically-sealed electrical assembly, EX d IIC.
 Part Numbers 057-0770 & 057-0772 (Form C) and 057-0771 & 057-0773 (Form CC).
 Agency listings include Underwriters Laboratories, Inc., CSA International, Factory Mutual, and Inmetro. Division 1 and 2, Class I, Groups A, B, C, and D; Class II, Groups E, F, and G.
 NEMA 4X, 7, and 9; IP66. Leads are factory sealed and Pressure Switches are Dual Seal Certified.

Working temperature Ambient -40 +82 °C
 Working pressure 105 bar
 Proof pressure 157 bar
 Electrical connection 1/2 NPT male conduit connection with PVC insulated 18 AWG, 18" long leads
 Process connection 1/2" NPT Male
 Mounting Direct mount with capillary
 Set-Point Internal, slotted adjustment nut with range scale



Rev. 1/2019

ORDERING CODE

132TC 5 H C6 AM

TYPE	132TC
WETTED MATERIAL	5
RANGE	B - D - F - H - J - L - N - P - R
CONTACT	C6 - CC6
OPTION	A - H - I - J - M - N - R - W

CODE EXPLANATION

TYPE

132TC Adjustable ATEX temperature switch, remote mount
 5 316 stainless steel, graphite filled non-asbestos

RANGE

B -45 ÷ -1 °C increase, -56 ÷ -17 °C decrease
 D -1 ÷ 51 °C increase, -14 ÷ -49 °C decrease
 F 35 ÷ 93 °C increase, 21 ÷ 91 °C decrease
 H 46 ÷ 110 °C increase, 31 ÷ 106 °C decrease
 J 79 ÷ 149 °C increase, 63 ÷ 145 °C decrease
 L 126 ÷ 182 °C increase, 113 ÷ 180 °C decrease
 N 143 ÷ 201 °C increase, 128 ÷ 199 °C decrease
 P 185 ÷ 249 °C increase, 170 ÷ 246 °C decrease
 R 251 ÷ 346 °C increase, 229 ÷ 341 °C decrease

CONTACT

C6 SPDT: 11 amp, 1/4 hp at 125 or 250 VAC; 5 amp resistive, 3 amp inductive at 28 VDC; .5 amp resistive at 125 VDC
 CC6 DPDT: 11 amp, 1/4 hp at 125 or 250 VAC; 5 amp resistive, 3 amp inductive at 28 VDC; .5 amp resistive at 125 VDC

OPTION

A Epoxy paint for severe environments
 D SIL approval and marking, per IEC61508
 H 316 stainless steel body
 I 3/4 NPT conduit box with terminal strip (no with N option)
 J Annealed stainless steel port screws for H2S
 M Gold electrical contacts for low current
 N ATEX and IECEx with CE Mark
 R 72" Electrical free leads

Optional Capillary Lengths

10', 15', 20' and 25' lengths available
 (insert appropriate number at end of model number)

Set-point	Increasing Range °C	Decreasing Range °C	Deadband °C	Maximum working temperature °C
132TC				
B	-45 ÷ -1	-56 ÷ -17	20/16	121
D	-1 ÷ 51	-14 ÷ 49	13/2	149
F	35 ÷ 93	21 ÷ 91	14/2	204
H	46 ÷ 110	31 ÷ 106	15/4	204
J	79 ÷ 149	63 ÷ 145	16/4	260
L	126 ÷ 182	113 ÷ 180	13/2	260
N	143 ÷ 201	128 ÷ 199	15/2	260
P	185 ÷ 249	170 ÷ 246	15/3	315
R	251 ÷ 346	229 ÷ 341	22/5	399

