

ADJUSTABLE TEMPERATURE SWITCH ATEX-CSA TYPE 100T

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	Concealed wrench flat adjustment with range scale



Rev. 1/2019

ORDERING CODE

100T 3 D C6 MN

TYPE	100T
WETTED MATERIAL	3
ADJUSTABLE RANGE	B - D - F - H - J
CONTACT	C6 - CC6
OPTION	A - I - J - M - N - R - W

CODE EXPLANATION

TYPE

100T Direct mount adjustable temperature switch

WETTED MATERIAL

3 Steel port with stainless steel probe, Viton seal
NOTE: Range "J" uses Teflon seal

RANGE

B -56 ÷ 18 °C
D -14 ÷ 80 °C
F +21 ÷ +121 °C
H +62 ÷ +182 °C
J +151 ÷ +260 °C

CONTACT

C6 SPDT: 11 A e 1/4 CV 125 o 250 VAC;
5 A resistivi, 3 A induttivi @ 28 VDC;
0,5 A resistivi @ 125 VDC.

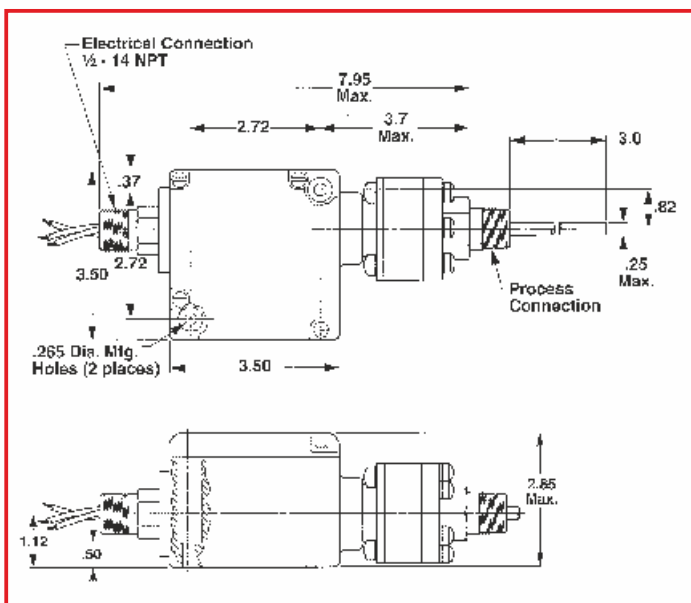
CC6 DPDT: 11 A e 1/4 CV 125 o 250 VAC;
5 A resistivi, 3 A induttivi @ 28 VDC;
0,5 A resistivi @ 125 VDC.

OPTION

A Epoxy paint for severe environments
D SIL approval and marking, per IEC61508
I 3/4 NPT conduit box with terminal strip
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
W Stainless steel screws — exterior

Special (Consult representative or factory)

- Thermowells
- Non-catalog adjustable range and/or set point and deadband



Set-Point	Increasing Range °C	Decreasing Range °C	Deadband °C	Maximum working temperature °C
100T				
B	-45 ÷ 18	-56 ÷ -17	11/1	121
D	-1 ÷ 80	-14 ÷ 77	13/3	204
F	35 ÷ 121	21 ÷ 119	14/2	232
H	80 ÷ 182	63 ÷ 179	17/3	260
J	168 ÷ 260	151 ÷ 257	17/3	315