ADJUSTABLE TEMPERATURE SWITCHES TYPE 100T

Range -56 ÷ 260 °C - Max Voltage 250 V - SPDT/DPDT Contact - NPT Threads

TECHNICAL DATA STANDARD EXECUTION

Execution	Explosion proof Eexd IIC T6
Certifications	Atex, CSA, CENELEC
Working temperature	Ambiente -40 +80 °C
Working pressure	105 bar
Pressure test	157 bar
Electrical thread	½"NPT Male, Insulated AWG leads L= 450mm
Proces thread	1/2" NPT Male
Mountig	Direct with integrated probe
Adjustment	Wrench flat adjustment with range scale

ELECTRICAL SPECIFICATIONS

Explosion proof. Factory sealed. Hermetically sealed. Electrical assembly. P/N 057.0030 (C form), P/N 057.0057 (CC form). Underwriters' Laboratories Inc. Listed (file. E 56677) or Canadian Standards Associations (file. 34146) for Division 1 and 2; Class I; Groups A, B, C, D; Class II Groups E, F, G, hazardous locations (NEMA 7 and 9), ATEX.

ORDERING CODE

100T | 3 | F | C6 | AN

TYPE	100T
WETTED MAERIAL	3
ADJUSTABLE RANGES	B - D - F - H - J
ELECTRICAL FORM	C6 - CC6
MISCELLANEOUS	A - I - J - M - N - R - W

EXPLANATION CODE

TYPE

100T Explosion Proof thermo switches, direct mount

MATERIALI a CONTATTO col FLUIDO

3 300 Stainless Steel Threads & probe, Viton gasket (range J Teflon gasket)

RANGES 132T

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

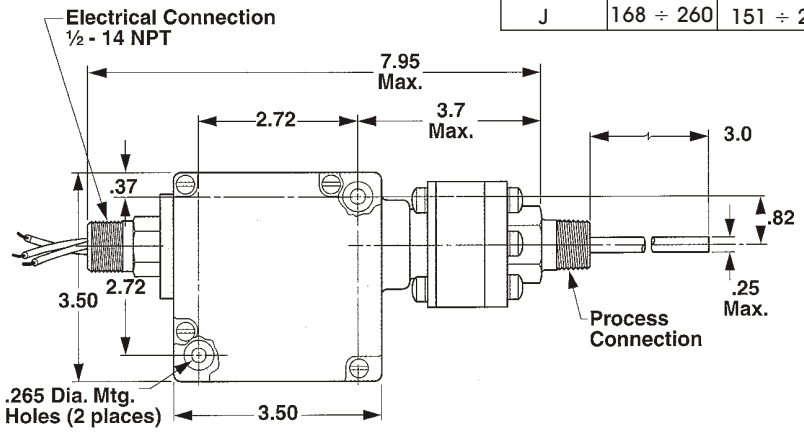
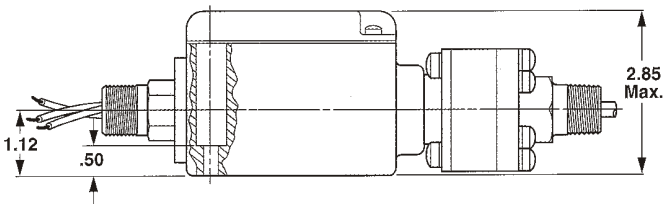
ELECTRICAL FORM

C6 SPDT Contact: 11 A and 1/4 hp 125 or 250 VAC; 5 A resistive, 3 A inductive @ 28 VDC; 0,5 A resistive @ 125 VDC.

CC6 DPDT Contact: 11 A and 1/4 hp 125 or 250 VAC; 5 A resistive, 3 A inductive @ 28 VDC; 0,5 A resistive @ 125 VDC.

MISCELLANEOUS

A Epoxy panit exterior for several environments.
I 3/4" Conduit box with terminal strip
J Annealed stainless steel port screw for H_2S environments
M Gold electrical contacts for extremly low current
N CENELEC / ATEX approval
R 1800 mm electrical free leads
W Stainless Steel exterior screw

N.B. Non catalog adjustable ranges and/or set point, and deadband. Thermowells

Adjustable set-point range	Increassing range °C	Decreasing range °C	Deadband °C	Max 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