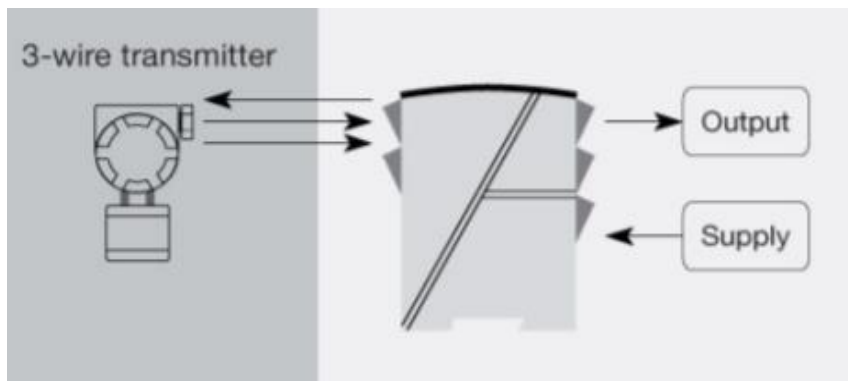


SIGNAL-ISOL

Signal Isolator- EX Repeater/ Power Supply for the SDTex

RJN Dec. 22, 2021

The Signal-Isol provides interface from the safe area to the 3- Wire SDTex Intrinsically Safe SDTex Dewpoint transmitter located in the Hazardous Area. The Isolator powers the SDTex, maintains the intrinsic safety rating, and repeats the 4-20mA signal to the Safe Area interface.



Environmental Conditions

Operating temperature.....	-20°C to +60°C
Calibration temperature.....	20...28°C
Relative humidity.....	< 95% RH (non-cond.)
Protection degree.....	IP20

Features:

Supply voltage, universal.....	21.6...253 VAC, 50...60 Hz or 19.2...300 VDC
Fuse.....	400 mA SB / 250 VAC
Dimensions (HxWxD).....	109 x 23.5 x 130 mm
DIN rail type.....	DIN 46277
Weight approx.....	225 g
Wire size.....	1 x 2.5 mm ² stranded wire



SDT-Ex w/ AcuVu & SU4 SAMPLING PANEL

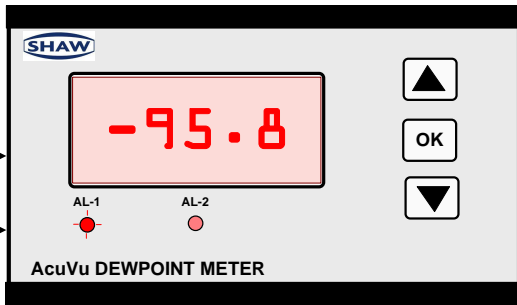
RJN
25-Oct-2021

Power Input:
20 to 270V DC or
22 to 250 VAC
50/60Hz

4-20 mA Loop



#41 : Supply -ve (Blue)
#42 : mA OUT (Green)
#44 : Supply +ve (Red)



Outputs

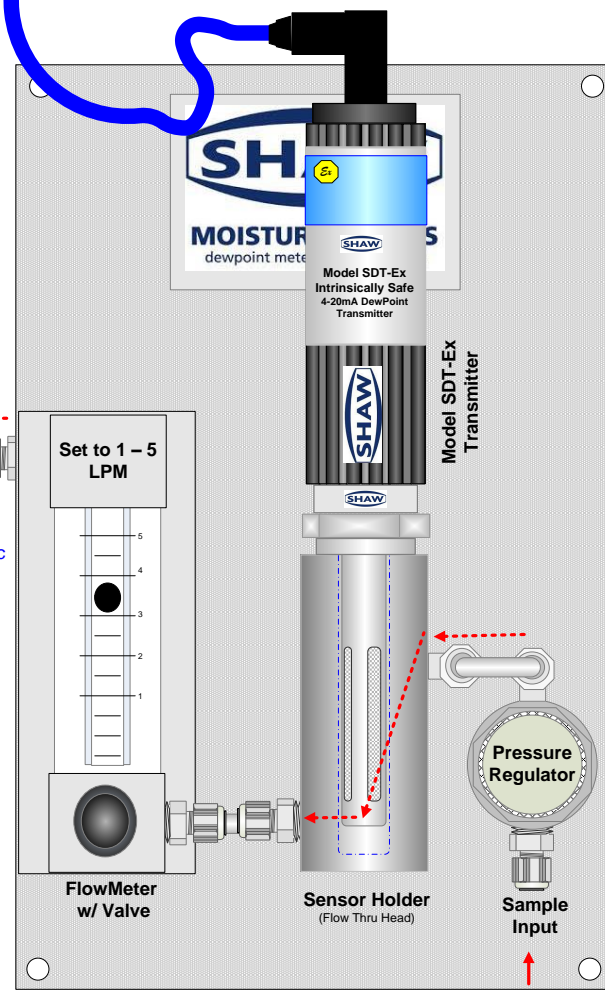
Power Input:
20 to 300V DC or
22 to 253 VAC
50/60Hz

4-20mA	Alarm Relay1 1 Form C	Alarm Relay 2 1 Form C
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Cable by Shaw

4-20 mA Loop

Exhaust
Vent to
Atmospheric
Pressure



SAFE AREA HAZARDOUS AREA