

SUCO Transmitter Display STD

- For pressure transmitters with 4 – 20 mA current output
- Suitable for pressure, temperature, level, force or flow indication
- Connection to DIN EN 175301-803-A (DIN 43650)
- Switching output option available (NO)

Technical details

Display:	LED, red, 4-digits, rotatable (4x90°)
Display range:	-999 ... 9999
Input signal:	4 ... 20 mA, 2-wire
Standard display:	4.00 ... 20.00 (pre-set at factory)
Accuracy:	0.2 % FS ±1 digit
Supply voltage:	17 ... 32 VDC
Max. loop current:	60 mA
Sampling rate:	300 ms – 25.5 s (configurable with filter)
Switching output (for STD1 and STD3):	PNP transistor output 90 mA (P-MOSFET) Embedded overcurrent protection
Hysteresis (for STD1 and STD3):	constant value 3 digits of pre-setting (e. g.: switching point = 20.0 psi, hysteresis = 0.3 psi)
Programming:	2 programming buttons are located underneath the removable front panel
Programming options:	
Zero point setting:	-999 ... 9999
Range:	0 ... 9999
Decimal points:	3 positions or disable
Average filter:	0.3 ... 25.5 s
Overrun:	On / off
Switching point (for STD1 and STD3):	-999 ... 9999
Switch function (for STD1 and STD3):	NO
Save settings:	In EEPROM
Error messages:	If the overrun function is selected, "HI" is shown on the display when 20 mA is exceeded. "LO" is displayed when the current drops below 4 mA. When the overrun function is disabled, "ErC6" is displayed as soon as the value is no longer in range -999 ... 9999.
Temperature range:	+14 °F ... +140 °F (-10°C ... +60°C)
Housing material:	ABS / acrylic (display window)
Protection class:	IP65 when fitted
Electrical connection:	DIN EN 175301-803-A (DIN 43650)
Attachment screw:	Included in the delivery

Article number:

1-6-20-656-007	STD0 Display (for 0720)
1-6-20-656-008	STD1 Display with switching output (for 0720)
1-6-20-656-013	STD2 Display (for 0602 / 0660 / 0690)
1-6-20-656-014	STD3 Display with switching output (for 0602 / 0660 / 0690)

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Accessories



Contact assignment:

PIN	Display (STD0)
1	nc
2	I _{out}
3	U _{V+}
PE	

PIN	Display with switching output (STD1):
1	PNP
2	I _{out}
3	U _{V+}
PE	

PIN	Display (STD2)
1	U _{V+}
2	I _{out}
3	nc
PE	

PIN	Display with switching output (STD3):
1	U _{V+}
2	I _{out}
3	PNP
PE	