

SUCO transmitter display STD

- For pressure transmitters with 4 – 20 mA current output
- Connection to DIN EN 175301-803-A (DIN 43650)
- No additional voltage supply required
- Simple installation and programming
- Switching output option available

Technical details

Display:	LED, red, 4-digits, rotatable (4x90°)
Display range:	-999 to 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 V DC
Max. loop current:	60 mA
Sampling rate:	300 ms – 25.5 s (configurable with filter)
Switching output (only for 1-6-20-656-008):	PNP transistor output 90 mA (P-MOSFET) Embedded overcurrent protection
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 1-6-20-656-008):	-999 ... 9999
Switch function (for 1-6-20-656-008):	NO/NC
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:	-10 °C ... +60 °C
Housing material:	ABS / acrylic (display window)
Protection class	IP65 when fitted
Electrical connection:	DIN EN 175301-803-A (DIN 43650); suitable for connector assignment with order number -001 (such as the 07xx family)
Attachment screw:	Included in the delivery

Order number:

1-6-20-656-007	Display (STD 0)
1-6-20-656-008	Display with switching output (STD 1)

T.5

Accessories



Contact assignment:

PIN	Display (STD 0):
1	nc
2	I_{out}
3	U_{v+}
⊖	Ground

PIN	Display with switching output (STD 1):
1	PNP
2	I_{out}
3	U_{v+}
⊖	Ground