

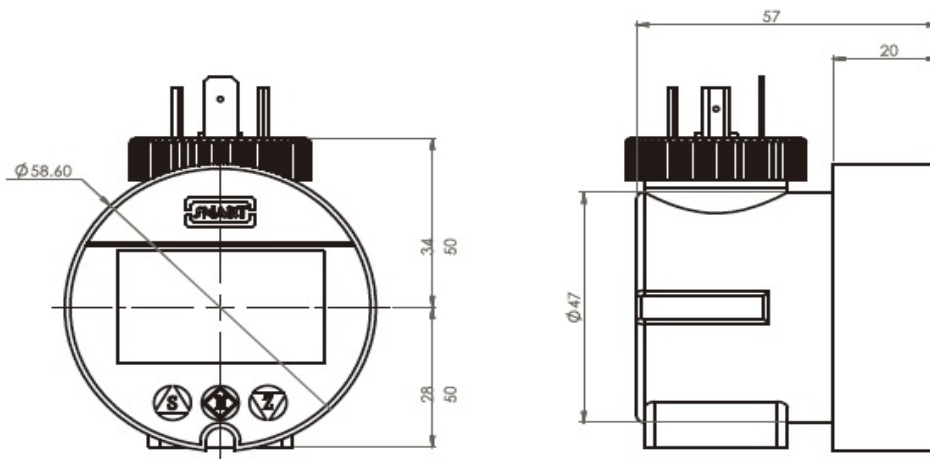
## DIGISMA<sup>®</sup> - UNIVERSAL DIGITAL METER

Intelligent, compact multipurpose LCD display instruments. Direct mounting on 4-20 mA transmitters by 4 PIN connectors or remote. For analog input meter scalable and selectable units range. Big screen, 5 digit, with highlight backlight function. Up to two alarms threshold on transmitters output. Loop powered.



### TECHNICAL SPECIFICATIONS

Analog signal:	2-wire, 4-20 mA standard
Power supply:	Supplied by current loop, (series connection); Voltage drop $V_{drop}$ ; $V_s = (V_{tmax} - V_{tmin}) + V_{drop}$ , $V_T$ is the power voltage of the transmitter; $V_{drop}$ is the circuit voltage drop: without backlight is 6V, with backlight is 8V
Display:	Double row 5-digit/8-digit, 7-segment/16-segment LCD display; range of indication -19999+99999; accuracy 0.1%±1 digit
Electrical protection:	Reverse polarity protection; short-circuit protection; lightning surge level 4 (2KA, 4KV)
Electromagnetic emission:	according to EN61326
Protection:	IP65
Operating conditions:	-25...+80°C; 20...80%RH
Enclosure and display:	PA66, Polycarbonate
Mechanical stability:	Anti-vibration 5gRMS 20-200Hz Anti-shock 100g/11ms
Contact:	Max. 2 independent PMOS output 2V 120 mA, short circuit protection
Repeatability:	+/-0.1 FSO
Switching frequency:	Highest 10 Hz
Switching cycles:	$\geq 100 \times 10^6$
Delay time:	0...255 ms



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