

S LINE - HIGH PERFORMANCE SOLUTION IN A COMPACT SIZE

S315

Loop powered display, 4-20 mA input



CE EN 61000-6-4
EN 64000-6-2
EN 61010-1



High Accuracy
A/D resolution
Thermal Stability
Input
Power supply
Max Voltage drop
Settings
Small dimension
Operating temperature
Special Version

Max error 0,05%,
16 bit
0,005%/°K
Current 4-20 mA
by the input loop (max 30 V)
7 V
Front Key Buttons, protected by a password
96x48x40 mm
-10..+65 °C
Available in IP66 housing too



S315

Loop powered display, 4-20 mA input



ORDER CODE

Model	S315	Loop powered display, 4..20mA input
	S315/IP66	Loop powered display, 4..20mA input (IP66 housing)

TECHNICAL SPECIFICATIONS

GENERAL FEATURES

Power supply	By the input loop (max 30 V)
Voltage drop	Max 7 V [6,2 V + (50Ω * 4-20 mA)]
ADC resolution	16 bit (40.000 points)
Memory	EEPROM, 10 years

DISPLAY AND MEASURE

Display	LED, 4 digits
Front buttons	3 (down, up, menu)
Accuracy	0,05%
Thermal stability	0,005%/°K
Linearity	0,05%
Electromagnetic interf.	< 1%
Error warning	Value > 3% of full scale or greater than 9999 Value < 3% of start scale or lower than -9999

INPUT

Channel	1
Type and range	Current (4-20 mA)

THERMOMECHANICS FEATURES

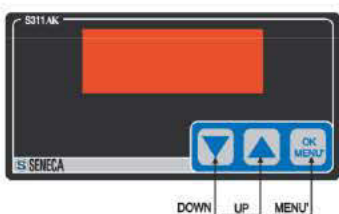
Operating temperature	-10..+65°C
Storing temperature	-30..+85°C
Humidity	Min 30%, max 90% not condensing
Housing	PPO auto extinguish, DIN 43700
Protection degree	IP65
Terminal blocks	Screws: 2 ways (power supply)
Dimensions (wxhxd)	96 x 48 x 40 mm
Hole dimension	91x45 mm
Weight	200 g

SETTINGS AND NORMS

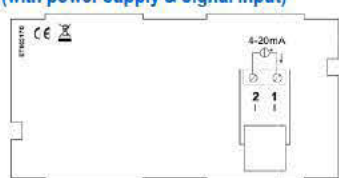
Settings (menu buttons)	Password, input type, start / full electric scale, start / full display scale, decimal point, filter level
Access protection	Through password
Conformity	CE
Norms	EN 61000-6-4, EN 64000-6, EN 61010-1, EN 60742

LAYOUT AND DIMENSION

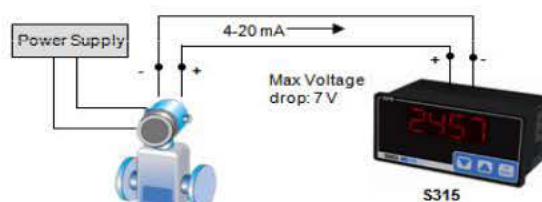
Buttons position (side part)



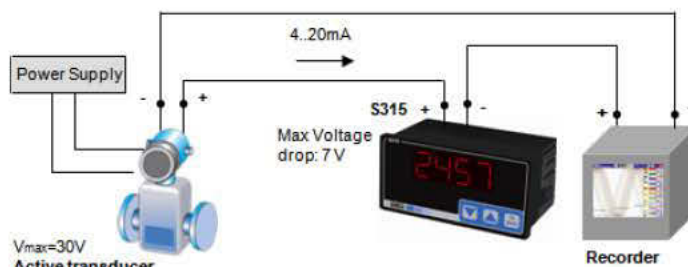
Terminal block (with power supply & signal input)



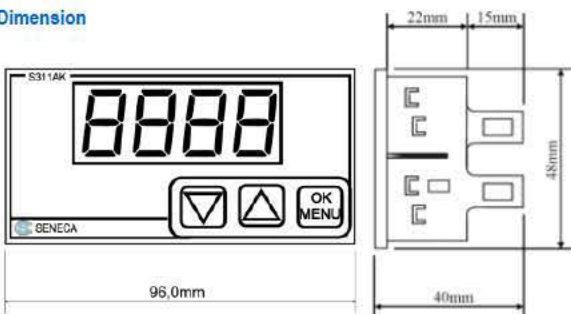
Application example



Application example with few devices in the same current loop



Dimension



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