

S LINE - HIGH PERFORMANCE SOLUTION IN A COMPACT SIZE

S311AK

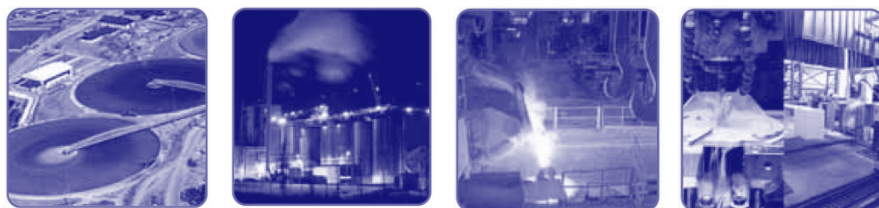
Digital display, mA / V input



High Accuracy
A/D resolution
Thermal Stability
Input

Power Transducers
Power Supply
Low Power Consumption
Setting
Small dimensions
Operating Temperature

Max error 0,05%
16 bit
0,005%/°K
Voltage 0-10 V and current 0-20 mA, settable on different scales as (1-5 V, 4-20 mA, etc.)
16 V, 25 mA
10-40 Vdc, 19-28 Vac
< 0,9 W
Front Key Buttons, protected by a password
96 x 48 x 40 mm
-10..+65 °C



➔ For further information, please visit www.seneca.it

S311AK

Digital Panel Meter, mA / V input



ORDER CODE

Model	S311AK-L 4 digits panel meter, mA/V analog input, power supply 10-40 Vdc, 19-28 Vac
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TECHNICAL SPECIFICATIONS

GENERAL FEATURES

Power Supply	10-40 Vdc, 19-28 Vac (50-60 Hz)
Max consumption	0,9 W
Transducer Power Supply	Max 16 V, 25 mA
Galvanic Isolation	1.500 Vac tra porta di misura e alimentazione
ADC resolution	16 bit (40.000 points)
Memory	EEPROM, 10 years

DISPLAY AND MEASURE

Display	LED, 4 digits
Front buttons	3 (down, up, menù)
Accuracy	0,05%
Thermal stability	0,005%/°K
Linearity	0,05% (0-10 V, 0-20 mA)

INPUT

Channels	1
Range and type	Voltage: 0-10 V (protection ± 30 Vdc), imped. ~ 25 k Ω , ADC 16 bit, settable scales: 0-10, 1-5 V etc. Current: 0-20 mA (protection ± 25 mA), imped. ~ 20 Ω , ADC 16 bit, settable scales 0-20, 4-20 mA etc.

THERMOMECHANICAL FEATURES

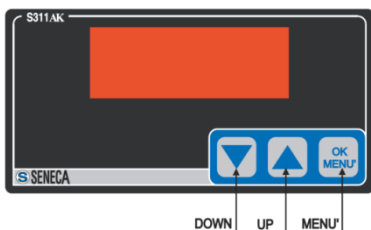
Operating Temperature	-10..+65°C
Storing Temperature	-30..+85°C
Humidity	Min 30%, max 90% not condensing
Housing	PPO autoextinguish, DIN 43700
Protection degree	IP65
Terminals	Screw terminals: 2 ways / 5,08 mm (power supply) 3 vie / 5,08 mm (input)
Dimension (wxhxd)	96 x 48 x 40 mm
Hole dimension	91x45 mm
Weight	200 g

SETTINGS AND NORMS

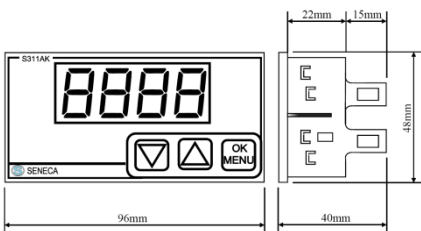
Settings	Password, input type, start / full electric scale, start / full display scale, decimal point, filter level
Access protection	Via password
Conformity	CE
Norms	EN 61000-6-4, EN 64000-6, EN 61010-1, EN 60742

LAYOUT AND DIMENSION

Buttons position (side part)

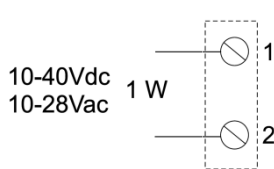


Dimension

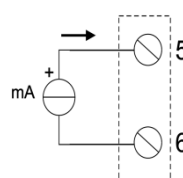


ELECTRICAL CONNECTION

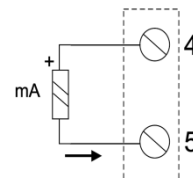
Power supply



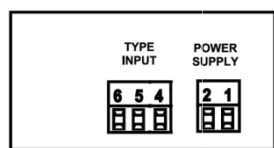
Current input with external power supply



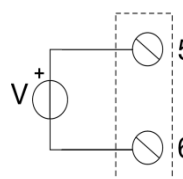
Current input with power supplied by S311AK



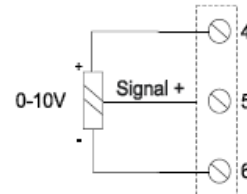
Terminal block



Voltage input



Voltage input with power supplied by S311AK



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