

SANKET - S DIN-RAIL SERIES UNIVERSAL

Sanket - S Din Rail conditioner amplify and condition all varieties of strain gage based sensors, delivering highly accurate signal outputs. Sensors may be connected in 4-, & 6-wire configurations. The modules offer adjustable excitation to energize load cells. Current limiting provides extra protection.

FEATURES

- Accepts signals from strain gages, load cells, torque Transducers and pressure transducers.
- 120 to 350Ω bridge resistance
- User selectable sensor excitation 5V, 10V
- Zero and span adjustment by trim pot
- User selectable output options 0-5 V, 0-10 V and 4-20 mA



TECHNICAL SPECIFICATION

Model	SR211
Input signal	±80 mV
Output load resistance	350 ohm±20 ohm
Supply voltage	12...30VDC
Current drain with sensor connected	60mA
Supply voltage to transducer	5VDC or 10 vdc
Output signal at zero	0 VDC or 4mA
Zero signal accuracy (FSO)	<±1%
Zero adjustment (FSO)	>±15%
Full scale output	±10 VDC, ±5 VDC, 4-20mA
F.S. output accuracy	<±0.1%
Span adjustment	>±15%
Inverse polarity protection	YES
Shortcircuit protection	YES
Temp. range: (%FSO) compensated	0-60°C
Working	-10 ~ 80°C
Storage	-50 ~ 100°C
Case material	PC - GF, light grey RAL 7035 Base plate: dark black RAL 9005
Mounting	Rail DIN EN 60715
Grade of protection	IP40



ELECTRICAL CONNECTION

1 - Supply +ve	7 - Shield
2 - Supply -ve	8 - Sig +ve
3 - Shield	9 - Sig -ve
4 - Voltage O/P	10 - Exc -ve
5 - Current O/P	11 - 10V Exc
6 - GND	12 - 5V Exc



DIMENSIONAL DETAILS

