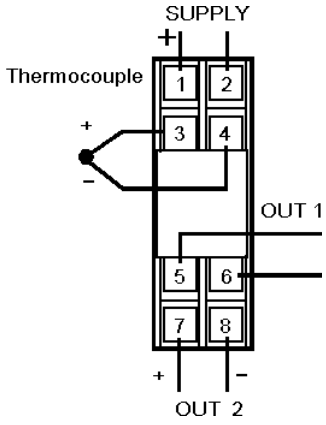
Phase out Inputs for SSP235

Option 4: Thermocouple Input

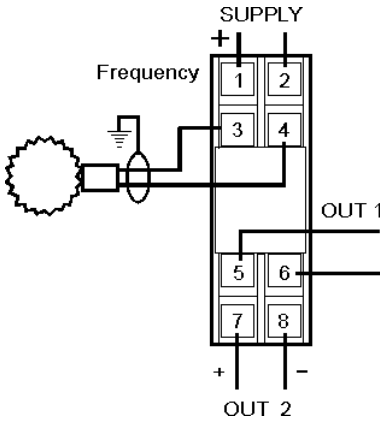


The SSP235 can be equipped with a special thermocouple input circuit. Thermocouple types can be E, J, K, N, R, S and T. Automatic cold junction compensation is standard. On request the circuit can be configured for up-or-down scale burn-out.

T/C input spans:	4mV up to 80mV
Input impedance:	> 1MΩ
Calibration accuracy:	<0.5% of range.
Cold junction compensation error:	0.02% per °C C/J change, over ambient range of 0-60°C with input range 100°C

When ordering you must specify:
T/C type: (E, J, K, N, R, S, or T)
Cal: ? - ???°C

Option 6: Frequency / Pulse Input



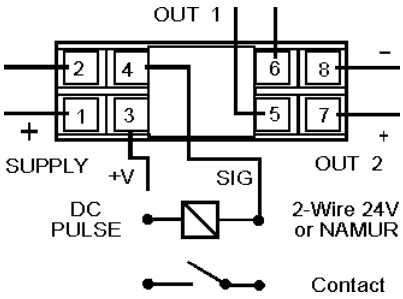
Frequency Input

The SSP235 can be configured for frequency input, accepting most pulse signals down to 0.2Vpp.

Calibration range:	0 - 10Hz up to 0 - 5kHz
Input type:	Sine, Triangle, Pulse, Square 200mVpp min (70mV r.m.s.). 22Vpp max.
Input impedance:	typically 3kΩ.
Linearity & repeatability:	0.2% of range
Temperature effect:	0.012% / °C
Offset:	-50% of range (e.g. 1 - 2kHz input)

When ordering you must specify:
Cal: ???-???Hz
Level: 200mVpp min, 22Vpp max

DC Pulse Input

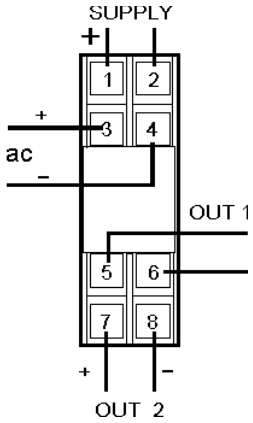


The SSP235 can also accept a pulse input from proximity sensors or passive devices such as contact or open collector devices.

Calibration range:	0 - 10Hz up to 0 - 5kHz
Input impedance:	typically 3kΩ
Linearity & repeatability:	0.2% of range
Temperature effect:	0.012% / °C
Offset:	-50% of range (e.g. 1 - 2kHz input)

When ordering you must specify:
Device: (NAMUR, Contact)
Frequency: ??? - ??? Hz

Option 8: AC Current / Voltage



For **AC-voltage** input the SSP235 can be equipped with a precision rectifier circuit.

Input range:	10mV up to 500Vac
Input impedance:	12kΩ for 10mV input > 1MΩ for 500V input.
Combined linearity and drift error	< 0.5% of range

When ordering you must specify:
Cal: ?-???Vac (input range 10mV up to 500Vac)
Frequency: 50Hz ?

For **AC-current** input to the SSP235, either an internal shunt or CT is fitted.

Input range:	0.5mA up to 10Aac (40-60Hz Sine)
Input impedance:	0.008Ω at 5A

When ordering you must specify:
Cal: 0-??Aac (0.5mA up to 10Aac)
Frequency: 50Hz