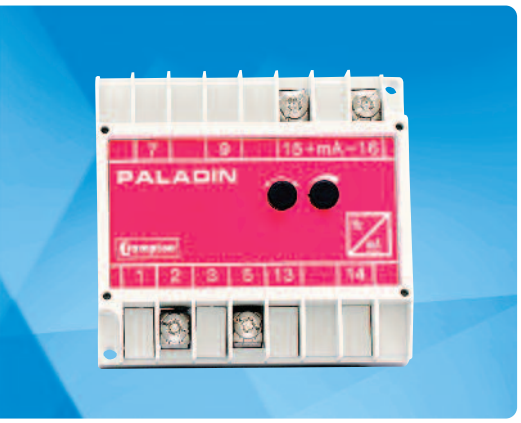

Frequency Transducers

Frequency Sensing - Self Powered

Provides a DC output which is directly proportional to input frequency. Internal power is derived from the input signal and will maintain accuracy between 80% and 120% or better of nominal input voltage. Input and output are isolated.

Model	Accuracy	Function	Connection diagram
253-THZ	Class 0.5	Frequency sensing, 75mm(3") case	10
252-XHA	Class 0.2	Frequency sensing, 50mm(2") case	10

Specifications

Input:	63.5V, 100V, 110V, 120V, 139V, 208V, 220V, 240V, 250V, 277V, 380V, 400V, 415V, 440V, & 480V AC
Output:	0/1mA, 0/5mA, 0/10mA or 0/20mA DC 0/1V, 0/5V or 0/10V DC
Current:	1 or 5A AC
Frequency:	45/55Hz, 55/65Hz, 45/65Hz & 360/440Hz

Frequency Sensing - Auxiliary Powered

Provides a DC output which is directly proportional to input frequency. Internal power is derived from the input signal and will maintain accuracy whist the auxiliary input is within specification limits. 253-THZ offers AC auxiliary and 252-THL/Z caters for both AC and DC auxiliary. Isolation is provided between input, output and auxiliary.

Model	Accuracy	Function	Connection diagram
252-THL	Class 0.2	Frequency sensing, live zero 50mm(2") case	15
252-THS	Class 0.2	Frequency sensing, true zero 50mm(2") case	15

Specifications

Input:	63.5V, 100V, 110V, 120V, 139V, 208V, 220V, 240V, 250V, 277V, 380V, 400V, 415V, 440V, & 480V AC
Output:	0/1mA, 0/5mA, 0/10mA or 0/20mA DC 0/1V, 0/5V or 0/10V DC
Current:	1 or 5A AC
Frequency:	45/55Hz, 55/65Hz, 45/65Hz
Auxiliary:	100-480V AC 12V, 24V, 48V, 110V or 125V DC