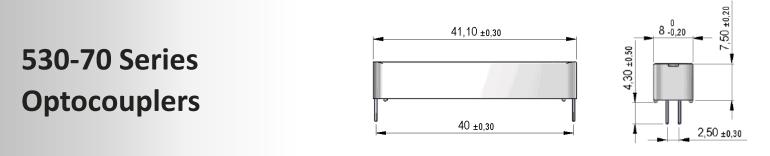


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- > Features: Optocoupler for Safe Circuits with a High-Level Galvanic Separation
- Applications: Electronics for Mining, Test & Measurement, Automation Technology
- Markets: Oil & Gas Production, Refinery, Mining, Medical, Test and Measurement, and others

# Part Description: 530-70-2-22

Customer Options		Unit
Coupler Characteristics		Unit
Isolation Voltage Input / Output (min.)	22,000	VDC
Current Transfer Ratio (min.) Ic/If CTR (If = 10mA)	0.8	%
Cut-Off Frequency (typ.)	100	kHz
Creeping Distance (min.)	39.0	mm
Air Path Input / Output (min.)	39.0	mm
Insulation Distance Emitter-Detector (min.)	22.6	mm
Insulation Resistance Input / Output (min.)	10 <sup>12</sup>	Ohm



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## Series Datasheet – 530 Optocouplers

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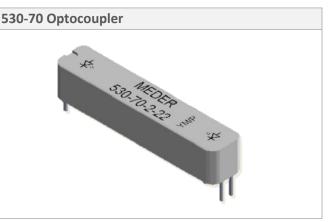
Housing and Material Specifications		
Housing Material	PBT Glass Fibre Reinforced	
Case Color	White	
Sealing Compound	Polyurethan	
Connection Pins	Cu-Alloy Tinned	
Washability	Fully Sealed	

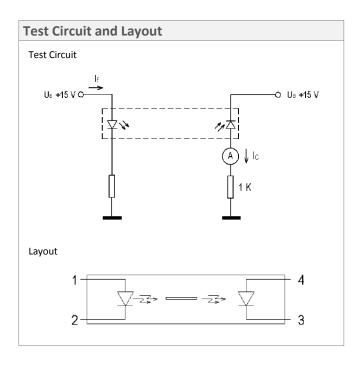
Environmental Data		Unit
Shock Resistance (max.) 1/2 sine wave duration 11ms	50	g
Vibration Resistance (max.)	20	g
Operating Temperature	-40 to 85	°C
Storage Temperature	-40 to 100	°C
Soldering Temperature (max.) 5 sec. max.	260	°C

### **Handling Instructions**

It is advised that normal static precautions be taken in handling and assembly of this component to prevent damage and/or degradation which may be induced by ESC.









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