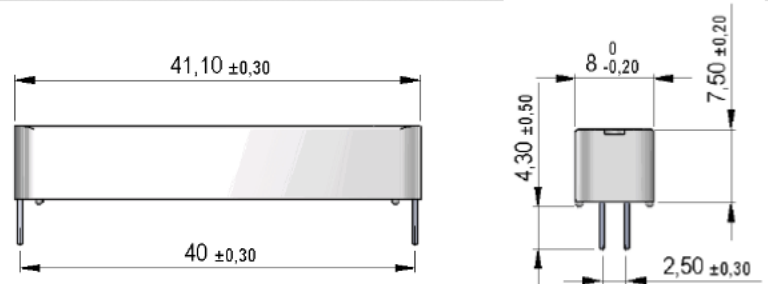


# 530-70 Series Optocouplers



- 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		
Isolation Voltage Input / Output (min.)	22,000	VDC
Current Transfer Ratio (min.) <small>I<sub>c</sub>/I<sub>f</sub> CTR (I<sub>f</sub> = 10mA)</small>	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

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.

