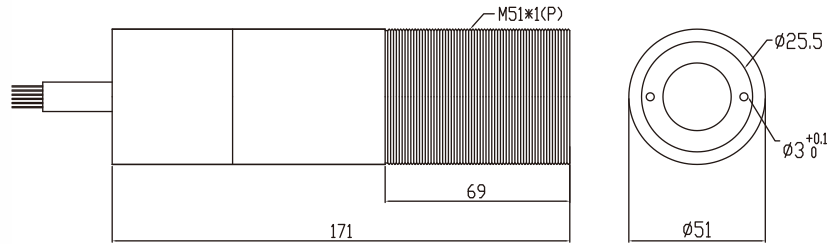


**Best Detectors,  
Best Service**



**IR-80-H**

IR-80-H



IR-80-H

**\*Applications:**

Aluminum, Chrome, Copper, Metal, Magnesium, Oxide-nickel, Platinum, Gold, Silver, Oxided-Titanium, Zin, Tin, Steel, Oxided-steel, Oxided-Brass

**● Specifications**

segment	IR-80	
Range	150~700℃	500~1700℃
Device	InGaAs, Silicon	
Accuracy	±1%/F.S or 1℃	
Repeatability	±1% of reading	
Field of view (D:S)	100:1	
Optical spectrum wave	0.85~1.1μm, 1~1.6μm, 2.0μm	
Responsive time	50sec below	
Emissivity rate	0.10~0.99	
Analog output	4~20mA	
communication output signal	RS-485	
Relay output	2 Step - Relay Contact (AL1, AL2)	
Power	DC 20~24V (Max 50mA)	
Ambient temperature	0~80℃	
Temperature Resolution	0.1℃	
Operating relative humidity	5~90%	
storage Ambient temperature	-30~85℃	
waterproof	IP65, NEMA4	
laser pointer	630~670nm(red)	
dimensions	Body Control : 98x64 Sensing Head : 27xØ10	
casting material	aluminium alloy	
weight	650g	
cable length	3m, other	