



LEST R80 SERIES

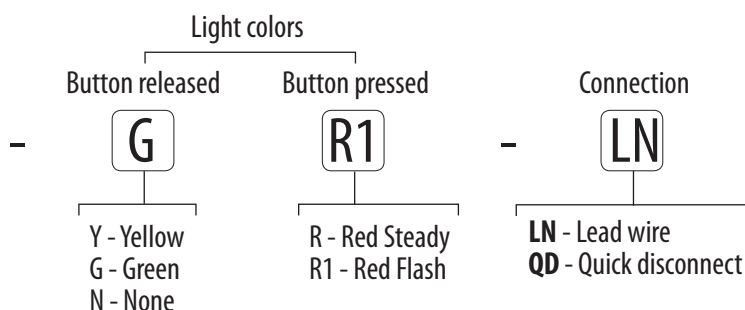
Ø80mm Illuminated Emergency Stop Button

Key Features

- Combine Emergency stop and indication functions. More convenient
- M30x1.5 thread, Easy to install
- 40mm button diameter, industrial standard, TÜV approval, safe and reliable
- Latest LED technology.
- Red, Yellow/ Red, Green optional

Selection Guide

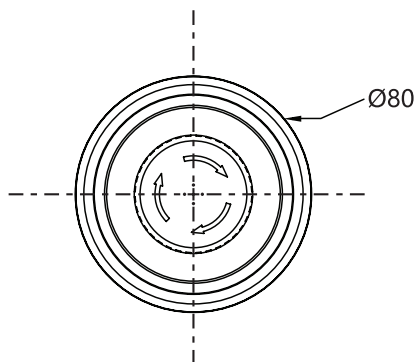
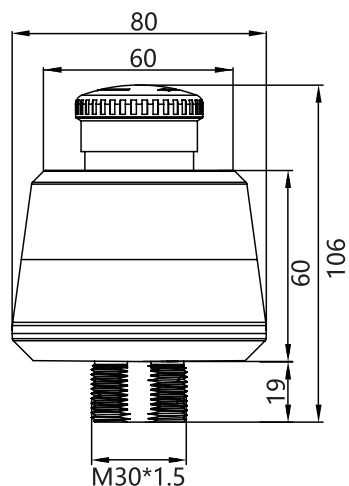
LEST R80



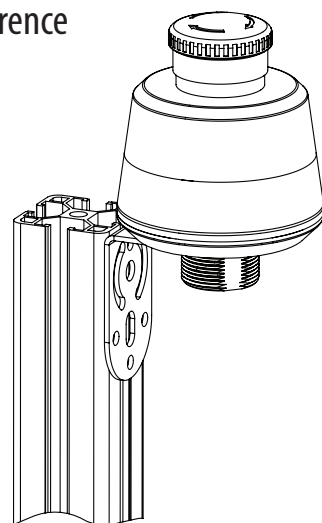
Specifications

Supply voltage	10 ~ 30V DC (maximum fluctuation of 10%)	
Max. current	150mA @12V, 80mA @24V, 60mA @30V	
Insulation resistance	100MΩ or more	
Vibration resistance	10 to 500 Hz, amplitude 0.35 mm, acceleration 50m/s ²	
Shock resistance	150 m/s ²	
Impulse withstand voltage	2,500V AC 1 minute	
Mechanical durability	≥ 250,000 times	
LED lifespan	50,000 hours minimum	
LED flash rate	1.6HZ, 50% duty cycle, >7.2V, Input impedance 10K	
Electrical protection	Overcurrent, overvoltage protection; reverse connection protection	
Protection level	IEC IP65, IP67	
Body material	Lampshade	Polycarbonate
	Upper cover and base	ABS (70%) + Polycarbonate (30%)
Connection	1m lead wire or 0.3m PVC cable with M12 Quick Disconnect (requiring mating cordset)	
Operation conditions	-20°C to +50°C (-4°F to +122°F) 95% at +50°C maximum relative humidity (non-condensing)	
Certification	CE, FCC, TÜV	

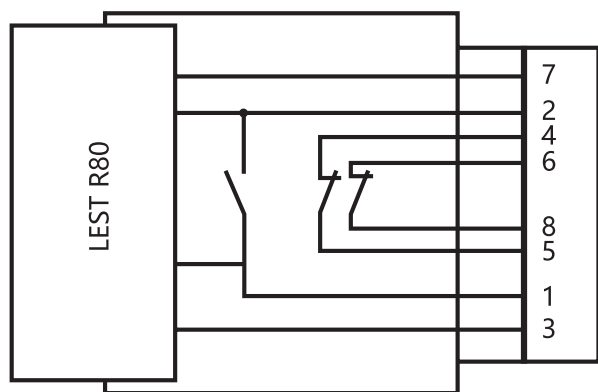
Dimensions (unit:mm)



Mounting reference



Wiring diagram



Line order	Line color	Feature
1	White	N01 B
2	Brown	12-30VDC, N01 A
3	Green	Stop signal input
4	Yellow	NC2 A
5	Black	NC2 B
6	Gray	NC1 A
7	Blue	GND
8	Red	NC1 B

Quick Disconnect

