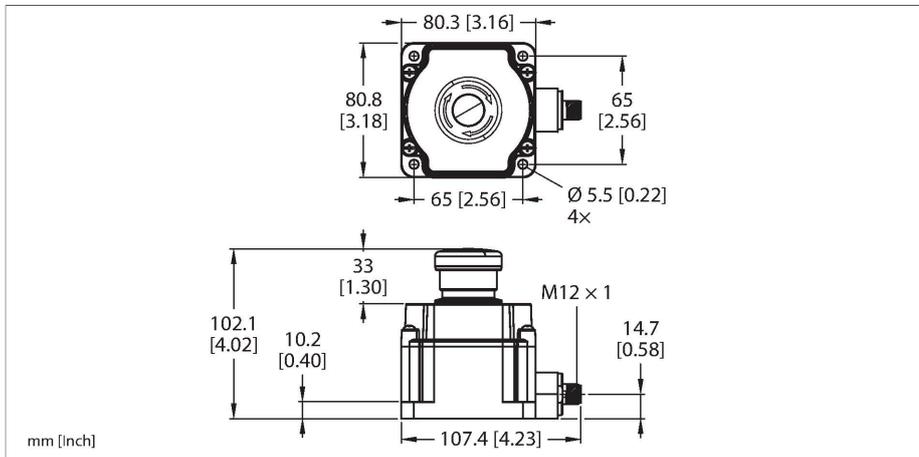


# SSA-EB1PLYR-12ED1Q8

## Safety Technology – E-stop Button

### Illuminated



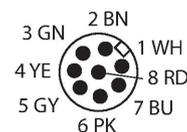
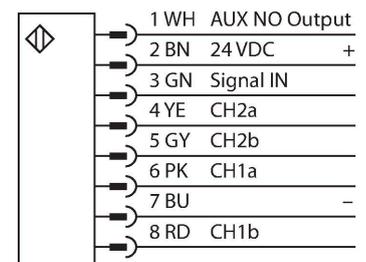
#### Technical data

Type	SSA-EB1PLYR-12ED1Q8
ID	3029989
Function	E-stop button, lit
Light type	Red
Operating voltage	12...30 VDC
DC rated operational current	≤ 65 mA
Output function	2 x NC (normally closed), Potential-free
Contact rating	1.5A/250V AC-15, 1A/30V DC-13
Conventional thermal current	2 A
Impulse withstand voltage	2.5 kV
Insulation resistance	100 MΩ
Design	Rectangular
Dimensions	80.3 x 80.8 x 102.1 mm
Housing material	Plastic, PC
Mechanical lifespan	0,25 * 10 <sup>6</sup> Switching cycles
B10d value	0,1 * 10 <sup>6</sup> Switching cycles
Pollution degree	3
Cascadable	Yes
Electrical connection	Connector, M12 × 1
Ambient temperature	-25...+60 °C
Relative humidity	45...85 %
Protection class	IP65
<b>Tests/approvals</b>	
Vibration resistance	10 to 500 Hz, 0.35 mm amplitude, 50 g acceleration
Shock resistance	15 g (11 ms)

#### Features

- Protection class IP65
- Non-actuated lighting: yellow steady
- Lighting circuit externally interrupted: red steady
- Actuated lighting: red flashing
- 2 safety outputs (NC, potential-free)
- 1 auxiliary output (NO, PNP)
- M12 × 1 male connector, 8-pin

#### Wiring diagram



#### Functional principle

These electromechanical E-stop switches combine the functions of conventional switches with those of the EZ-LIGHTs. The color changes with the switching state. Local quitting of faults is possible at any time and a latch protects against unwanted quitting. The device is available as round or rectangular version. Both types are IP65 rated.

## Technical data

Conventional types without light are also available as well as types for connection to the safety bus from Siemens or AB/ROCKWELL.

Approvals CE, cULus

## Accessories

Dimension drawing	Type	ID	
	MQDC2S-806	3070975	Connection cable 1.83 m, PVC, female M12 x 1, 8-pin, black
	MQDC2S-806RA	3054616	Connection cable 1.83 m, PVC, female M12 x 1, angled, 8-pin, black