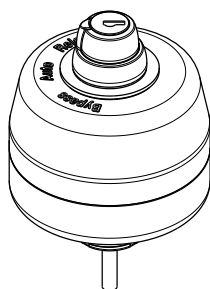


K80 Key Switch



Datasheet



- Red illuminated key switch
- Single and dual output options
- Multifunction with laser marking
 - Bypass: Counterclockwise position
 - Auto: Center position
 - Release: Clockwise position

Models

Family	Output State	Outputs	Construction	Connector
K80	A - Normally Open	K2 - Single Outputs (Bypass and Release)	3825 - Allen-Bradley #3825	QP - 1 meter (39 in) cable with a 4-pin M12/Euro-style male quick disconnect (QD)
	R - Normally Closed	K3 - Dual Outputs (1 for Bypass, 1 for Release)		

Model Examples:

- K80AK23825QP - Single Output with an Allen-Bradley #3825 Key
- K80AK33825QP - Dual Output with an Allen-Bradley #3825 Key

Logic

Function	Key Switch Direction	Key Switch Action	Illumination
Bypass	Counterclockwise	Maintained	Red On
Release	Clockwise	Momentary, Spring Return to Center	

Wiring

The K80 Key Switch is I/O block compatible.

Pin	Single Output Function	Dual Output Function	4-pin M12/Euro-style Male
1 (brown)	+ V dc	+ V dc	
2 (white)	Not Connected	PNP Output 2 (Release)	
3 (blue)	0 V dc	0 V dc	
4 (black)	PNP Output 1 (Bypass and Release)	PNP Output 1 (Bypass)	

Specifications

Supply Voltage and Current
12 V dc to 30 V dc
65 mA at 24 V dc

Output
Maximum Load: 4 A

Environmental Rating
IEC IP40

Construction

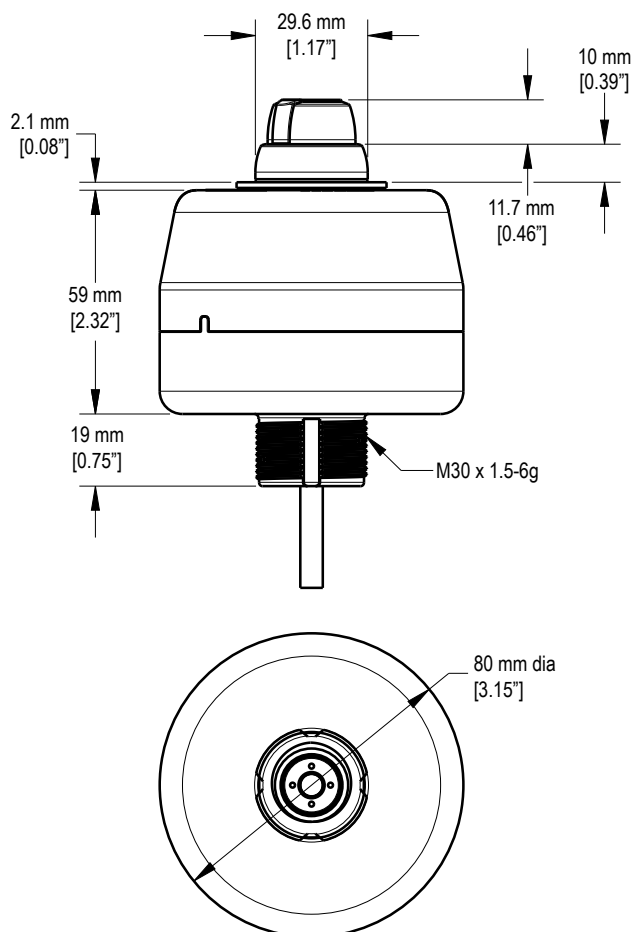
Polycarbonate/Polyamide; M30 × 1.5 external threads on the threaded base

LED Color
Red, 618 nm



Dimensions

All measurements are listed in millimeters [inches], unless noted otherwise.



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