

## 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)	2025 Allem Dredley #2025	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)	3825 - Allen-Bradley #3825	

#### Model Examples:

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

### Logic

Function	Key Switch <b>Direction</b>	Key Switch Action	Illumination	
Bypass	Counterclockwise	Maintained	Red On	
Release	Clockwise	Momentary, Spring Return to Center	Red Oil	

### 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	<b>a</b> c1
2 (white)	Not Connected	PNP Output 2 (Release)	2
3 (blue)	0 V dc	0 V dc	3
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

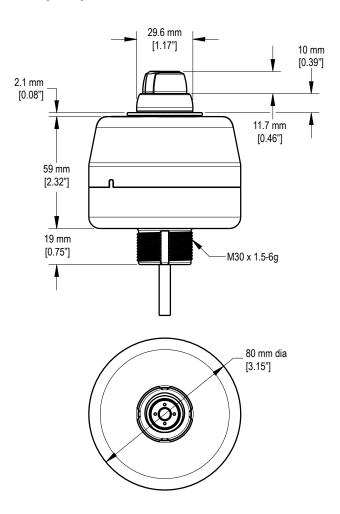
Polycarbonate/Polyamide; M30  $\times$  1.5 external threads on the threaded base LED Color

Red, 618 nm



#### **Dimensions**

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



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