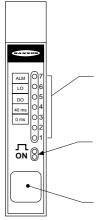


D12Expert Series

Teach Mode Fiber Optic Sensors

Quick Reference Card



D12Expert Series Features

7-segment LED bargraph indicates:

- Signal strength
- Sensing contrast
- Programming status
- Diagnostic warnings

Indicators for:

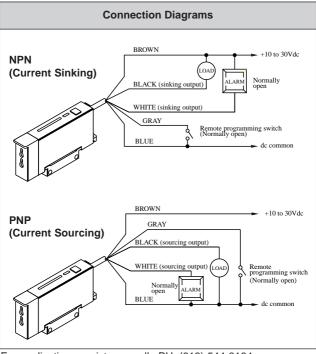
- Output status
- Input Power/TEACH Mode

Push button for:

programming

TEACH Mode Programming			
Push Button	Mode	Indicator Status	
Push and Hold 2 Seconds	Display Output Configuration	LEDs indicate current output settings (LO or DO & 0 ms or 40 ms).	
Double-click	Change to TEACH Mode	Green ON LED single- flashes at 1 Hz to indicate sensor is ready to learn	
Push Button	Indicator Status		
Present the first sensing condition and single-click	7-segment display sequentially flashes each of it's LEDs. The green ON LED double-flashes at 1 Hz to indicate that the sensor is ready to learn the second condition.		
Present the second sensing condition and single-click	7-segment display sequentially flashes each of it's LEDs. The sensor then indicates the relative sensing contrast by flashing 1 to 7 of its LEDs three times.		
	If the contrast is acceptable, (two or more flashing LEDs), the sensor returns to RUN mode after a few seconds with new, optimized sensitivity setting. If the contrast is unacceptable, (only one flashing LED), the sensor returns to TEACH mode Condition 1.		

Output Configuration Programming		
Push Button	Mode	Indicator Status
Push and Hold 2 Seconds	Display Output Configuration	LEDs indicate current output settings (LO or DO & 0 ms or 40 ms).
Triple-click*	Change to OUTPUT CONFIGURATION Program Mode	Red LED flashes opposite either "0 ms" or "40 ms" output timing selection.
Single-click* to toggle selection		
Double-click*	Continue in OUTPUT CONFIGURATION Program Mode	Output timing selection is stored. Red LED flashes opposite either "LO" or "DO" selection.
Single-click* to toggle selection		
Double-click*	Sensor returns to RUN Mode	"LO" or "DO" selection is stored. 7-Segment LED bar graph indicates relative
* NOTE: Sensor returns to RUN mode if push button is not clicked within 90 seconds.		received signal strength.



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