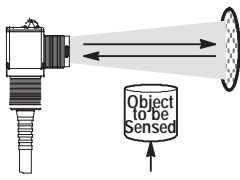
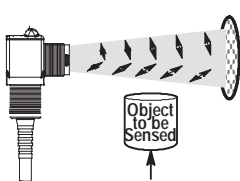


PHOTOSWITCH^R Photoelectric Sensors

42EF RightSight^t

18 mm Right Angle

Product Selection

Sensing Mode	Current @ Voltage	Sensing Distance	Adjustment Type	Output Energized	Output Type/ Capacity Response Time	Connection Type	Cat. No.	
 <p>Retroreflective</p> <p>Field of View: 2.5_</p> <p>Emitter LED: Visible red 660 nm</p>	35 mA @ 10.8...30V DC	25 mm...4.5 m (1 in...14.7 ft)	No Adjustment	Dark Operate	NPN and PNP 100 mA 1 ms	2 m 300V cable	42EF-U2KBB-A2	
				Light Operate		4-pin DC micro	42EF-U2KBB-F4	
				Dark Operate	N-MOSFET* 100 mA 8.3 ms	2 m 300V cable	42EF-U2JBB-A2	
				Light Operate		4-pin DC micro	42EF-U2JBB-F4	
	 <p>Polarized Retroreflective</p> <p>Field of View: 1.5_</p> <p>Emitter LED: Visible red 660 nm</p>	35 mA @ 10.8...30V DC	25 mm...3 m (1 in...9.8 ft)	No Adjustment	Dark Operate	NPN and PNP 100 mA 1 ms	2 m 300V cable	42EF-P2KBB-A2
					Light Operate		4-pin DC micro	42EF-P2KBB-F4
					Complementary Light and Dark Operate	NPN 100 mA 1 ms	2 m 300V cable	42EF-P2JBB-A2
							4-pin DC micro	42EF-P2JBB-F4
Complementary Light and Dark Operate					PNP 100 mA 1 ms	4-pin DC micro	42EF-P2MNB-A2	
						4-pin pico QD	42EF-P2MNB-Y4	
15 mA @ 21.6...264V AC/DC		25 mm...3 m (1 in...9.8 ft)	No Adjustment	Dark Operate	N-MOSFET ¹ 100 mA 8.3 ms	2 m 300V cable	42EF-P2MPB-A2	
						4-pin DC micro	42EF-P2MPB-F4	
				Dark Operate	N-MOSFET ¹ 100 mA 8.3 ms	4-pin DC micro	42EF-P2MPB-A2	
						4-pin pico QD	42EF-P2MPB-Y4	
				Light Operate	N-MOSFET ¹ 100 mA 8.3 ms	2 m 300V cable	42EF-P2SCB-A2	
						4-pin AC micro	42EF-P2SCB-G4	
Light Operate	N-MOSFET ¹ 100 mA 8.3 ms	2 m 300V cable	42EF-P2RCB-A2					
		4-pin AC micro	42EF-P2RCB-G4					

¹ P-MOSFET models are available. Refer to www.ab.com/sensors.

ATTENTION



P-MOSFET models have a lower in-rush current threshold for short-circuit protection than N-MOSFET. Therefore, they may be susceptible to false trigger of short-circuit protection due to induced noise.

Refer to page 1-39 for cordsets and accessories.