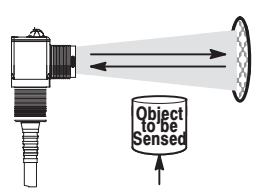
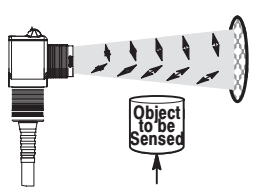


Product Selection

Sensing Mode	Operating Voltage/ Current	Sensing Distance	Output Energized	Output Type/ Capacity Response Time	Connection Type	Catalog Number
 <i>Retroreflective</i> Field of View: 2.5° Emitter LED: Visible red 660nm	10.8–30V DC 35mA	25mm (1in) to 4.5m (14.7ft)	Dark Operate	NPN and PNP 100mA 1ms	2m 300V cable	42EF-U2KBB-A2
	Light Operate		4-pin DC micro		42EF-U2KBB-F4	
			2m 300V cable		42EF-U2JBB-A2	
			4-pin DC micro		42EF-U2JBB-F4	
	21.6–132V AC/DC 15mA		Dark Operate	P-MOSFET 100mA 8.3ms	2m 300V cable	42EF-U2SFB-A2
			Light Operate		4-pin AC micro	42EF-U2SFB-G4
					2m 300V cable	42EF-U2RFB-A2
					4-pin AC micro	42EF-U2RFB-G4
	21.6–264V AC/DC 15mA		Dark Operate	N-MOSFET 100mA 8.3ms	2m 300V cable	42EF-U2SCB-A2
			Light Operate		4-pin AC micro	42EF-U2SCB-G4
					2m 300V cable	42EF-U2RCB-A2
					4-pin AC micro	42EF-U2RCB-G4
 <i>Polarized Retroreflective</i> Field of View: 1.5° Emitter LED: Visible red 660nm	10.8–30V DC 35mA	25mm (1in) to 3m (9.8ft)	Dark Operate	NPN and PNP 100mA 1ms	2m 300V cable	42EF-P2KBB-A2
	Light Operate		4-pin DC micro		42EF-P2KBB-F4	
			2m 300V cable		42EF-P2JBB-A2	
			4-pin DC micro		42EF-P2JBB-F4	
	Complement ary Light and Dark Operate		NPN/100mA 1ms	2m 300V cable	42EF-P2MNB-A2	
				4-pin DC micro	42EF-P2MNB-F4	
				4-pin pico QD	42EF-P2MNB-Y4	
			PNP/100mA 1ms	2m 300V cable	42EF-P2MPB-A2	
				4-pin DC micro	42EF-P2MPB-F4	
				4-pin pico QD	42EF-P2MPB-Y4	
	21.6–132V AC/DC 15mA		Dark Operate	P-MOSFET/100mA 8.3ms	2m 300V cable	42EF-P2SFB-A2
			Light Operate		4-pin AC micro	42EF-P2SFB-G4
					2m 300V cable	42EF-P2RFB-A2
					4-pin AC micro	42EF-P2RFB-G4
	21.6–264V AC/DC 15mA		Dark Operate	N-MOSFET/100mA 8.3ms	2m 300V cable	42EF-P2SCB-A2
			Light Operate		4-pin AC micro	42EF-P2SCB-G4
					2m 300V cable	42EF-P2RCB-A2
					4-pin AC micro	42EF-P2RCB-G4

Refer to page R1–34 for cordsets and accessories.