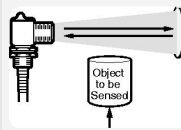
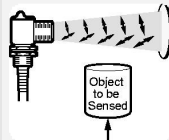
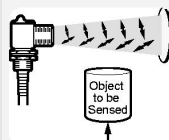
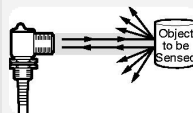


42EF RightSight™

Product Selection

Sensing Mode		Operating Voltage	Light Source	Sensing Distance	Sensitivity Adjustment	Output Function	Output Type‡	Cat. No.§	
Retroreflective		10.8...30V DC	Visible red	0.025...4.5 m (0.08...14.7 ft)	No adjustment	Light operate	NPN and PNP	42EF-U2JBB-F4	
		Dark operate				42EF-U2KBB-F4			
		21.6...264V AC/DC				Light operate	N-MOSFET	42EF-U2RCB-G4	
						Dark operate		42EF-U2SCB-G4	
Polarized retroreflective		10.8...30V DC	Visible red	0.025...3 m (0.08...9.8 ft)	No adjustment	Light operate	NPN and PNP	42EF-P2JBB-F4	
		Dark operate				42EF-P2KBB-F4			
		Light and dark operate				42EF-P2MNB-F4			
						42EF-P2MPB-F4			
		21.6...264V AC/DC			Single-turn knob	Light operate	N-MOSFET	42EF-P2RCB-G4	
						Dark operate		42EF-P2SCB-G4	
		24V DC ± 10%	Class 1 Laser	0.05...15 m (0.16...49.2 ft)	Teach Button	Light operate	NPN & PNP	42EF-P8JBC-F4	
			Class 1 Laser			Dark operate		42EF-P8KBC-F4	
Clear object detection		10.8...30V DC	Visible red	0.025...1 m (0.08...3.3 ft)	Single-turn knob	Light operate	NPN and PNP	42EF-C2JBA-F4	
		Dark operate				42EF-C2KBA-F4			
		21.6...284V AC/DC				Light operate	N-MOSFET	42EF-C2RCA-G4	
						Dark operate		42EF-C2SCA-G4	
Diffuse		10.8...30V DC	Infrared	3...700 mm (0.1...27.6 in.)	Teach button	Light operate	NPN and PNP	42EF-D1JBCK-F4	
					Dark operate	42EF-D1KBCK-F4			
				3...500 mm (0.1...19.7 in.)	Single-turn knob	Light operate		42EF-D1JBAK-F4	
						Dark operate		42EF-D1KBAK-F4	
					Light and dark operate	NPN	42EF-D1MNAK-F4		
						PNP	42EF-D1MPAK-F4		
		21.6...264V AC/DC		3...300 mm (0.1...11.8 in.)	Single-turn knob	Light operate	N-MOSFET	42EF-D1RCAK-G4	
						Dark operate		42EF-D1SCAK-G4	
		24V DC ± 10%	Class 1 Laser	3...300 mm (0.1...11.8 in.)	Single-turn knob	Light operate	NPN and PNP	42EF-D8JBA-F4	
						Dark operate		42EF-D8KBA-F4	
					Teach button	Light operate		42EF-D8JBC-F4	
						Dark operate		42EF-D8KBC-F4	
Recommended standard 4-pin DC micro (M12) quick-disconnect cordset.								889D-F4AC-2	
Recommended standard 4-pin DC pico (M8) quick-disconnect cordset.								889P-F4AB-2	
Recommended standard 4-pin AC micro (M12) quick-disconnect cordset.								889D-F4AEA-2	

§ Connection Options: The -F4 suffix describes a 4-pin DC micro (M12) quick-disconnect connector on a 150 mm (6 in.) length cable for DC models and the -G4 describes a 4-pin AC micro (M12) quick-disconnect connector on a 150 mm (6 in.) length cable for AC models. For additional connection options, replace the -F4 or -G4 suffix with:
 -A2 for a 2 m cable without quick-disconnect connection (for example, 42EF-P2MPB-A2).
 -Y4 for a 4-pin DC pico (M8) quick-disconnect connection (for example, 42EF-P2MPB-Y4). This option is only available for DC non-laser models.
 ‡ P-MOSFET are available. Refer to ProposalWorks or visit www.ab.com/e-tools for additional product selection information.