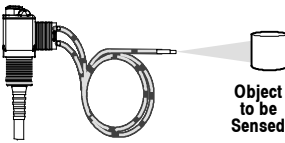


Product Selection (continued)

| Sensing Mode | Current @ Voltage | Sensing Distance | Adjustment Type | Output Energized | Output Type/ Capacity Response Time | Connection Type | Cat. No. | | | |
|--|--------------------------------------|---|------------------|-----------------------|---|-----------------|---------------|--|--|--|
| <div><p>Object to be Sensed</p><p>Large Aperture Fiber Optic (See Note 3.)</p><p>Field of View: Depends on Glass Fiber Optic cable selected</p><p>Emitter LED: Infrared 880nm</p></div> | 35 mA @ 10.8...30V DC | Depends on Glass Fiber Optic cable selected | Single-Turn Knob | Dark Operate | NPN and PNP 100 mA 1 ms | 2 m 300V cable | 42EF-G1KBA-A2 | | | |
| | Light Operate | | | 4-pin DC micro | | 42EF-G1KBA-F4 | | | | |
| | Complementary Light and Dark Operate | | | NPN 100 mA 1 ms | 2 m 300V cable | 42EF-G1JBA-A2 | | | | |
| | | | | | 4-pin DC micro | 42EF-G1JBA-F4 | | | | |
| | | | | PNP 100 mA 1 ms | 4-pin pico | 42EF-G1MNA-Y4 | | | | |
| | | | | | 2 m 300V cable | 42EF-G1MPA-A2 | | | | |
| | 15 mA @ 21.6...264V AC/DC | | | Light Operate | N-MOSFET❶ 100 mA 8.3 ms | 4-pin DC micro | 42EF-G1MNA-F4 | | | |
| | | | | | | 4-pin pico | 42EF-G1MPA-Y4 | | | |
| | | | | Dark Operate | | 2 m 300V cable | 42EF-G1RCA-A2 | | | |
| | | | | | | 4-pin AC micro | 42EF-G1RCA-G4 | | | |
| | Dark Operate | | | 2 m 300V cable | | 42EF-G1SCA-A2 | | | | |
| | | | | 4-pin AC micro | | 42EF-G1SCA-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.

Note 1: For color registration mark applications, refer to light source selection guide at www.ab.com/sensors.

Note 2: For maximum performance, transmitted beam sources should be combined with matched operating voltage receivers, i.e., AC/DC source with AC/DC receiver or DC source with DC receiver. Reduced operating distance and margin will result from mixed operating voltage pairs.

Note 3: For use with glass fiber optic cables. See page 1-231 for more information.

Cordsets and Accessories

| Description | Cat. No. | Description | Cat. No. | Description | Cat. No. |
|--|--------------|--|--------------|----------------------|----------|
| DC Micro QD Cordset, Straight, 4-pin, 2 m | 889D-F4AC-2 | 76 mm (3 in.) Diameter Reflector | 92-39 | Apertures, 1 mm Slot | 60-2660 |
| AC Micro QD Cordset, Straight, 4-pin, 2 m | 889R-F4AEA-2 | 32 mm (1.25 in.) Diameter Reflector | 92-47 | Apertures, 2 mm Slot | 60-2661 |
| Pico QD Cordset, Straight, 4-pin, 2 m | 889P-F4AB-2 | Mounting Bracket Swivel/Tilt | 60-2649 | Apertures, 4 mm Slot | 60-2662 |
| | | | | Aperture Set | 60-2659 |
| Bifurcated Fiber Optic Cable—38 mm (1.5 in.) typical range | 43GR-TBB25SL | Individual Fiber Optic Cable—457 mm (18 in.) typical range | 43GT-FAS25SL | | |
| Bifurcated Fiber Optic Cable—21 mm (0.8 in.) typical range | 43GR-TFS10ML | Individual Fiber Optic Cable—152 mm (6 in.) typical range | 43GT-TFS10ML | | |

Glass Fiber Optic Cables

