



## QS30LPQ-94205

### ▶ PRODUCTS FOR INDUSTRIAL AUTOMATION



WORLD-BEAM QS30 Series: Polarized Retro

Range: 8 m; Input: 10-30 V dc

Output: Bipolar: 1 NPN; 1 PNP; Light Operate Only

Euro 4-pin Quick-Disconnect

Part Number: 94205

### SPECIFICATIONS

|                                    |                         |
|------------------------------------|-------------------------|
| <b>Sensing Mode (General)</b>      | Retroreflective         |
| <b>Sensing Mode (Detailed)</b>     | Polarized               |
| <b>Housing Style</b>               | Rectangular w/M30 Mount |
| <b>Primary Housing Material</b>    | Thermoplastic           |
| <b>Input/Output</b>                | Discrete                |
| <b>Max Sensing Range (mm)</b>      | 8000                    |
| <b>Outputs</b>                     | Bipolar (NPN & PNP)     |
| <b>Power Supply/Supply Voltage</b> | 10-30 V dc              |
| <b>Connection</b>                  | Integral QD             |
| <b>Quick Disconnect Type</b>       | M12 (Euro)              |
| <b>Sensing Beam</b>                | Visible Red LED         |
| <b>Operation</b>                   | Light Operate           |
| <b>Max Op. Temp. (°C)</b>          | 70                      |

|  |               |
|--|---------------|
| <b>Min Op. Temp. (°C)</b>                  | -20           |
| <b>Output response time (ms)</b>           | 2             |
| <b>Special Feature: Intrinsically Safe</b> | No            |
| <b>Special Feature: Remote Teach</b>       | No            |
| <b>Special Feature: Water Detection</b>    | No            |
| <b>IP Rating</b>                           | IP67          |
| <b>Delay at Power-up (ms)</b>              | 100           |
| <b>Repeatability (µs)</b>                  | 500           |
| <b>Number of Pins</b>                      | 5             |
| <b>NEMA Rating</b>                         | NEMA 6        |
| <b>Max Op. Relative Humidity [%]</b>       | 95% @ 55°C    |
| <b>Lens Material</b>                       | Acrylic       |
| <b>Adjustments</b>                         | Potentiometer |
| <b>Barrel Diameter (mm)</b>                | 30            |
| <b>Indicator</b>                           | LEDs          |
| <b>Opposed Mode Emitter/Receiver</b>       | N/A           |
| <b>Feature: Timing (Hold/Delay)</b>        | No            |
| <b>Feature: Encapsulated</b>               | No            |
| <b>Feature: Hazardous Area</b>             | No            |
| <b>Feature: Audible</b>                    | No            |



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