

Fiber Optic Sensor Cable, 2M Side-view, Diffuse Reflection, R25 POF, M3 Cylindrical Sensing End with 1.5mm Diameter Extension



## FOACAMPD32DQ

### Fiber Optic Sensor Cable

#### Features

- Durable stainless steel head
- Flexible jacket
- Standard 2.2mm diameter ferrules
- Stable performance

#### Applications

- Industrial automation
- Discrete manufacturing
- High volume production
- Automotive manufacturing
- Stamping and plastic injection molding
- Packaging
- Food and Beverage
- Warehouse automation

#### Description

L-com's FOACAMPD32DQ fiber optic sensor cable is a diffuse reflection type optical cable. This 2M (meter) fiber optic sensor cable is in stock and ready to ship on the same business day of the order. Our black diffuse reflection sensor cable has a durable stainless steel head, R25 bend radius, and flexible polyethylene jacket, which makes the cable well-suited for demanding industrial environments. The 2.2mm amplifier ends make this cable compatible with industry-standard amplifier ports, making interchanging quick and easy.

#### General Specifications

|                           |  |
|---------------------------|--|
| Type                      | Side-View  |
| Design Type               | Diffuse Reflection   |
| Cable Type                | POF  |
| Jacket Type               | PE Black   |
| Sensing Distance          | 20 to 60 mm  |
| Cable Length              | 2 m  |
| Cable Head Material       | Stainless Steel  |
| Bend Radius               | 25 mm  |
| Compatible Products       | Fiber Optic Sensor Amplifiers  |
| Beam Exit                 | Side   |
| Cable Head Shape          | Cylindrical  |
| Notes, Electrical/Optical | Minimum sensing distance with FOACAMPG1 amp, maximum sensing distance with FOACAMPC1 amp |
| Notes                     | Different amplifiers will impact sensing distance.                                       |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Fiber Optic Sensor Cable, 2M Side-view, Diffuse Reflection, R25 POF, M3 Cylindrical Sensing End with 1.5mm Diameter Extension FOACAMPD32DQ](#)

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### Fiber Optic Sensor Cable



#### Environmental Specifications

##### Temperature

Operating Range -20 to +50 deg C

Storage Range -30 to +85 deg C

##### Humidity

Operating Relative 35% to 85%

#### Compliance Certifications

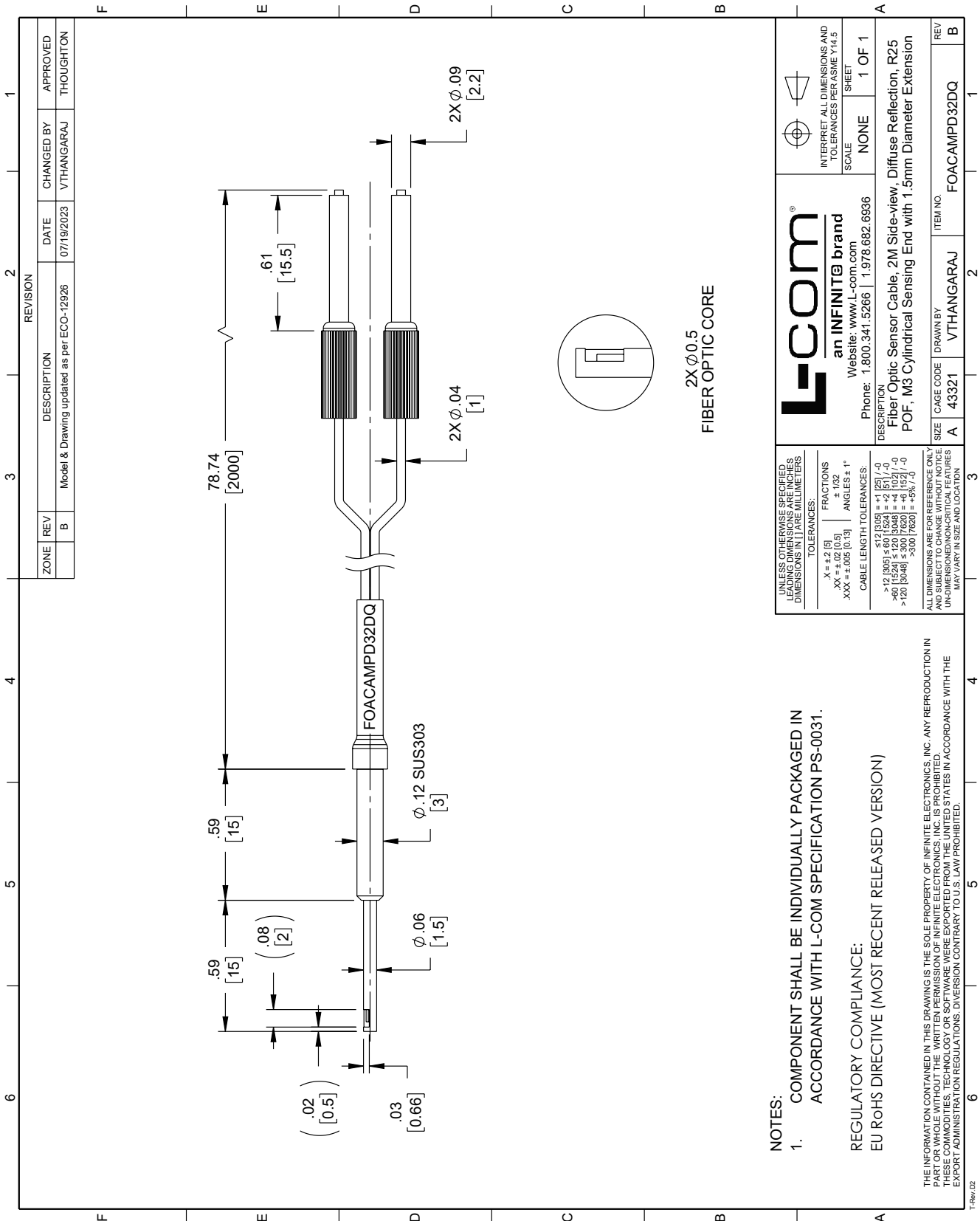
CE Compliance Yes

Fiber Optic Sensor Cable, 2M Side-view, Diffuse Reflection, R25 POF, M3 Cylindrical Sensing End with 1.5mm Diameter Extension from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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M3 Cylindrical Sensing End with 1.5mm Diameter Extension

L-com CAD Drawing



NOTES:

- COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.
- REGULATORY COMPLIANCE:  
EU ROHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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|   |  |  |  |  |  |
|---|--|--|--|--|--|
| UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS.                                     |  | L-com <sup>®</sup><br>an INFINITE brand<br>Website: www.L-com.com<br>Phone: 1.800.341.5266   1.978.682.6936                                |  | INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 |  |
| TOLERANCES:   |  | SCALE: NONE  |  | SHEET: 1 OF 1  |  |
| X = ±.2 [5]   | FRACTIONS ± 1/32                         | DESCRIPTION: Fiber Optic Sensor Cable, 2M Side-view, Diffuse Reflection, R25 POF, M3 Cylindrical Sensing End with 1.5mm Diameter Extension |  | REV: B   |  |
| .XX = ±.02 [0.5]  | ANGLES ± 1°                              | SIZE: A  |  | ITEM NO: FOACAMPD32DQ                                  |  |
| .XXX = ±.005 [0.13]   | CABLE LENGTH TOLERANCES:                 | DRAWN BY: VTHANGARAJ   |  | REV: 1   |  |
|   | <12 [305] = +1 [25] / -0                 | CAGE CODE: 43321   |  | REV: 1   |  |
|   | >12 [305] ≤ 60 [1524] = ±.2 [5] / -0     | FOACAMPD32DQ   |  | REV: 1   |  |
|   | >60 [1524] ≤ 120 [3048] = +.4 [10] / -0  | REV: 1   |  | REV: 1   |  |
|   | >120 [3048] ≤ 300 [7620] = +.6 [15] / -0 | REV: 1   |  | REV: 1   |  |
|   | >300 [7620] = +.5% / -0                  | REV: 1   |  | REV: 1   |  |
| ALL DIMENSIONS ARE FOR REFERENCE ONLY. AND SUBJECT TO CHANGE WITHOUT NOTICE. UNDIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. |  | REV: 1   |  | REV: 1   |  |