Lenze Lenze Series Service Manual

96M/A-3410-44

1. Description

Leuze PRK 96M/A-3410-44 Throughbeam Photoelectric Sensor, Transmitter, 96 Series

3. Product Information

Leuze PRK 96M/A-3410-44 Throughbeam Photoelectric Sensor, Transmitter, 96 Series

Series 96

Operating principle Reflection principle

Operating range 0.3 ... 15 m (guaranteed operating range)

Operating range limit 0.1 ... 18 m (typical operating range)

Light source LED, Red

Supply voltage UB 26.5 ... 31.6 V

Switching frequency 1,000 Hz

Type AS-Interface IO

Number of connections 1 Piece(s)

Type of connection Connector

Thread size M12

Material Metal

No. of pins 4 -pin

Encoding A-coded

Dimension (W x H x L) 30 mm x 90 mm x 70 mm

Housing material Metal

Metal housing Zinc

Lens cover material Glass

Net weight 380 g

Compatibility of materials ECOLAB

Note Housing part used contains perfluorobutanesulfonic acid (PFBS)

Type of display LED

Operational controls 270° potentiometer

www.autronexa.com

Ambient temperature, operation -40 ... 55 °C

Degree of protection IP 67

Protection class II

Approvals c UL US

Standards applied IEC 60947-5-2

POLARIZED RETRO-REFLECTIVE PHOTOELECTRIC SENSOR

OPERATING RANGE LIMIT: 0.1 ... 18 M

LIGHT SOURCE: LED

RED

SWITCHING FREQUENCY: 1

000 HZ

INTERFACE: AS-INTERFACE IO

CONNECTION: CONNECTOR

M12

METAL

4 -PIN

DESIGN

HOUSING: CUBIC