# 450LE4HL0150YD

**AB 450L GuardShield POC Light Curtain Enhanced Safety Transceiver 150mm Resolution 30mm**

PRESENCE SENSING



| | |
|---|---|
| **Component type** | Multiple beam light curtain |
| **Range** | 450L POC |
| **Model** | N/A |
| **Product status** | Existing |

The Allen-Bradley 450L GuardShield™ Point of Control (POC) are designed with patented technology allowing each transceiver to be used as a transmitter or receiver via a plug-in module. The 450L-B base model includes on/off functionality, the 450L-E model includes integrated laser alignment, cascading and muting. Offering easy integration and access to safety control functions and diagnostics.

| | | |
|---|---|---|
| **ELECTRICAL** | **Voltage type** | DC |
| | **Supply voltage** | 24 V |
| **CONSTRUCTION** | **Material housing** | Metal |
| | **IP rating** | IP65 |
| **PHOTOMETRIC** | **Beam spacing** | 30 mm |
| | **Wavelength of the sensor** | 850 nm |
| **DIMENSIONS** | **Height (protected)** | 150 mm |

## RELATED PRODUCTS

### ACCESSORY



**Item No:** 1485PRDR5

**Required:** No

**Description:** Allen-Bradley 1485 DeviceNet T-Port Connector 5-pin



**Item No:** 42EFP2MPBF4

**Required:** No

**Description:** Allen-Bradley 42EF Photoelectric Sensor Polarized Retro 11-30V DC Range 25mm-3m PNP/NPN DC Micro 4



**Item No:** 440CCR3022BBB

**Required:** No

**Description:** Allen-Bradley 440C CR30 Guardmaster Software Configurable Safety Relay 22 I/O

**Item No:** 440LALAT

**Required:** No

**Description:** Allen-Bradley 450L GuardShield Light Curtain Laser Alignment Aid



**Item No:** 440RD22R2

**Required:** No

**Description:** AB 440R GSR DI Safety Relay Dual Input 24VDC 1NC/2NC/OSSD-IN 2NO-SFTY-OUT 1SS-AUX



**Item No:** 440RS12R2

**Required:** No

**Description:** AB 440R GSR SI Safety Relay Single Input 24VDC 2NC OSSD 2NO 1 Solid State Auxiliary Output





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## RELATED PRODUCTS

### ACCESSORY



**Item No:** 440SSF5D
**Required:** No
**Description:** Allen-Bradley 440S Guardlink ENABLED TAP 5PIN OSSD OUPUT SIGNAL SWITCHING PTR

**Item No:** 450LADOID
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Optical Interface Tool Connected Component Workbench Diagnostics



**Item No:** 450LALATC
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Mounting Bracket for Laser Alignment Aid for 440LALAT

**Item No:** 450LAMODMUT8
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Muting Distribution Block for 450LB and LE



**Item No:** 450LAMSM
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Side Mounting Backet Kit Qty 2



**Item No:** 450LAMUTIL
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Muting Lamp for 450LB and LE



**Item No:** 450LAPCIO8
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Receiver Cascading Plug In 8 Pin M12 Serial Connection for 450LE



**Item No:** 450LAPRBL5
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Receiver Blanking Plug In 5 Pin M12 for 450LE



**Item No:** 450LAPRED8
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Receiver EDM Reset Scanning Plug In 8 Pin M12 for 450LE



**Item No:** 450LAPREN8
**Required:** No
**Description:** AB 450L GuardShield Light Curtain CIP Safety EtherNet IP Plug In 8 Pin M12 for 450LB and 450LE



**Item No:** 450LAPRMU8
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Receiver EDM Muting Blanking Plug In 8 Pin M12 for 450LE



**Item No:** 450LAPRON5
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Receiver On Off Plug In 5 Pin M12 for 450LB and 450LE



**Item No:** 450LAPTPW5
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Transmitter Plug In 5 Pin M12 for 450LB and 450LE



**Item No:** 450LAPTPW8
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Transmitter Plug In 8 Pin M12 for 450LB and 450LE



**Item No:** 450LAPUUN8
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Transmitter Receiver Universal Plug In 8 Pin M12 450LB and 450LE



**Item No:** 450LENETR
**Required:** No
**Description:** AB 450L GuardShield Light Curtain CIP Safety EtherNet IP Block Module for 450LB and 450LE



**Item No:** 800FMUT2MS
**Required:** No
**Description:** AB 450L GuardShield Light Curtain Muting Station for 450Lb amd LE

## RELATED PRODUCTS

### ACCESSORY



**Item No:** 889DF4NE15
**Required:** No
**Description:** AB 889D Cordset Cable PVC Red 4 Pin 18AWG DC Micro Female Straight M12 Unshielded 15m



**Item No:** 889DF4NE2
**Required:** No
**Description:** AB 889D Cordset Cable PVC Red 4 Pin 18AWG DC Micro Female Straight M12 Unshielded 2m



**Item No:** 889DF4NE20
**Required:** No
**Description:** AB 889D Cordset Cable PVC Red 4 Pin 18AWG DC Micro Female Straight M12 Unshielded 20m



**Item No:** 889DF4NE30
**Required:** No
**Description:** AB 889D Cordset Cable PVC Red 4 Pin 18AWG DC Micro Female Straight M12 Unshielded 30m

**Item No:** 889DF4NE5
**Required:** No
**Description:** Allen-Bradley 889D Cable PVC Red 4 Pin 18AWG DC Micro Female 5m



**Item No:** 889DF4NEDM0M3
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 0.3m



**Item No:** 889DF4NEDM0M6
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 0.6m



**Item No:** 889DF4NEDM1
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 1m

**Item No:** 889DF4NEDM10
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 10m



**Item No:** 889DF4NEDM15
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 150m



**Item No:** 889DF4NEDM2
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 2m



**Item No:** 889DF4NEDM20
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 20m



**Item No:** 889DF4NEDM3
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 3m



**Item No:** 889DF4NEDM30
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 30m



**Item No:** 889DF4NEDM5
**Required:** No
**Description:** AB 889D Cordset PVC Red 4 Pin 18AWG DC Micro Male Straight DC Micro Female Straight M12 5m



**Item No:** 889DF4NEDM99
**Required:** No
**Description:** Allen-Bradley 889 Cable PVC Red 4pin 18Awg Dc Micro M Dc Micro F 99M

## RELATED PRODUCTS

### ACCESSORY



**Item No:** 889DF5BC10
**Required:** No
**Description:** AB 889D Cordset Cable PVC Black 5 Pin 22AWG DC Micro Female Straight M12 Unshielded 10m



**Item No:** 889DF5BC2
**Required:** No
**Description:** AB 889D Cordset Cable PVC Black 5 Pin 22AWG DC Micro Female Straight M12 Unshielded 2m



**Item No:** 889DF5BC20
**Required:** No
**Description:** AB 889D Cordset Cable PVC Black 5 Pin 22AWG DC Micro Female Straight M12 Unshielded 20m



**Item No:** 889DF5BC5
**Required:** No
**Description:** AB 889D Cordset Cable PVC Black 5 Pin 22AWG DC Micro Female Straight M12 Unshielded 5m



**Item No:** 889DF5NCDM0M3
**Required:** No
**Description:** AB 889D Cordset PVC Red 5 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 0.3m



**Item No:** 889DF5NCDM0M6
**Required:** No
**Description:** AB 889D Cordset PVC Red 5 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 6m



**Item No:** 889DF5NCDM1
**Required:** No
**Description:** AB 889D Cordset PVC Red 5 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 1m



**Item No:** 889DF5NCDM10
**Required:** No
**Description:** AB 889D Cordset PVC Red 5 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 10m



**Item No:** 889DF5NCDM2
**Required:** No
**Description:** AB 889D Cordset PVC Red 5 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 2m



**Item No:** 889DF5NCDM20
**Required:** No
**Description:** AB 889D Cordset PVC Red 5 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 20m



**Item No:** 889DF5NCDM30
**Required:** No
**Description:** AB 889D Cordset PVC Red 5 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 30m



**Item No:** 889DF5NCDM5
**Required:** No
**Description:** AB 889D Cordset PVC Red 5 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 5m



**Item No:** 889DF8AB10
**Required:** No
**Description:** AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 10m



**Item No:** 889DF8AB15
**Required:** No
**Description:** AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 15m



**Item No:** 889DF8AB2
**Required:** No
**Description:** AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 2m



**Item No:** 889DF8AB20
**Required:** No
**Description:** AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 20m

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### ACCESSORY



**Item No:** 889DF8AB30

**Required:** No

**Description:** AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 30m



**Item No:** 889DF8AB5

**Required:** No

**Description:** AB 889D Cordset Cable PVC Black 8 Pin 24AWG DC Micro Female Straight M12 Unshielded 5m



**Item No:** 889DF8NBDM0M3

**Required:** No

**Description:** AB 889D Cordset PVC Red 8 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 0.2m



**Item No:** 889DF8NBDM0M6

**Required:** No

**Description:** AB 889D Cordset PVC Red 8 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 0.6m



**Item No:** 889DF8NBDM1

**Required:** No

**Description:** AB 889D Cordset PVC Red 8 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 1m



**Item No:** 889DF8NBDM10

**Required:** No

**Description:** AB 889D Cordset PVC Red 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 10m



**Item No:** 889DF8NBDM2

**Required:** No

**Description:** AB 889D Cordset PVC Red 8 Pin 22AWG DC Micro Male Straight DC Micro Female Straight M12 2m



**Item No:** 889DF8NBDM20

**Required:** No

**Description:** AB 889D Cordset PVC Red 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 20m



**Item No:** 889DF8NBDM30

**Required:** No

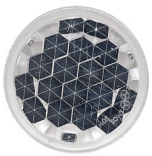
**Description:** AB 889D Cordset PVC Red 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 30m



**Item No:** 889DF8NBDM5

**Required:** No

**Description:** AB 889D Cordset PVC Red 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 5m



**Item No:** 9290

**Required:** No

**Description:** Allen-Bradley Photoelectric Sensor Reflector Round Corner Cube 63mm Diameter 2 x Thru Hole Mount





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