450LB4HN0900YD

Allen-Bradley 450L GuardShield POC Light Curtain Basic Safety Transceiver 900mm 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
	Type of safety according to IEC 61496-1	4
CONSTRUCTION	**Material housing**	Metal
	IP rating	IP65
PHOTOMETRIC	**Number of beams**	16
	Beam spacing	30 mm
	Wavelength of the sensor	850 nm
DIMENSIONS	**Height (protected)**	900 mm
	Width	30 mm
ENVIRONMENT	**Ambient temperature**	-10…55 °C

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

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RELATED PRODUCTS

ACCESSORY



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



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: Allen-Bradley 450L GuardShield Light Curtain Mounting Bracket for Laser Alignment Aid for 440LALAT



Item No: 450LAMODMUT8

Required: No

Description: Allen-Bradley 450L GuardShield Light Curtain Muting Distribution Block for 450LB and 450LE



Item No: 450LAMSM

Required: No

Description: Allen-Bradley 450L GuardShield Light Curtain Side Mounting Bracket Kit Qty 2



Item No: 450LAMUTIL

Required: No

Description: Allen-Bradley 450L GuardShield Light Curtain Muting Lamp for 450LB and 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: 450LAPRON5

Required: No

Description: Allen-Bradley 450L GuardShield Light Curtain Receiver On Off Plug In 5 Pin M12 for 450LB and 450LE



Item No: 450LAPTPW5

Required: No

Description: Allen-Bradley 450L GuardShield Light Curtain Transmitter Plug In 5 Pin M12 for 450LB and 450LE



Item No: 450LAPTPW8

Required: No

Description: Allen-Bradley 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

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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

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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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RELATED PRODUCTS

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



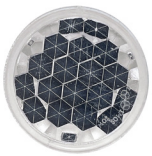
Item No: 889DF8NBDM20
Required: No
Description: AB 889D Cordset PVC Red 8 Pin 24AWG DC Micro Male Straight DC Micro Female Straight M12 20m



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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