

450LB4FN0450YD

AB 450L GuardShield POC Light Curtain Basic Safety Transceiver 450mm Resolution 14mm



PRESENCE SENSING



Allen-Bradley

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
	Number of beams	16
PHOTOMETRIC	Beam spacing	14 mm
	Wavelength of the sensor	850 nm
	Height (protected)	450 mm
DIMENSIONS	Width	30 mm
	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

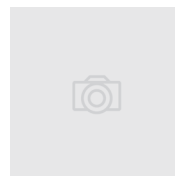
Description: Allen-Bradley 42EF Photoelectric Sensor Polarized Retro 11-30V DC Range 25mm-3m PNP/NPN DC Micro 4



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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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: 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: 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

Item No: 889DF4NE15

Required: No

Description: AB 889D Cordset Cable PVC Red 4 Pin 18AWG DC Micro Female Straight M12 Unshielded 15m



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: 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: 450LAPRED8

Required: No

Description: AB 450L GuardShield Light Curtain Receiver EDM Reset Scanning Plug In 8 Pin M12 for 450LE



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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: 889DF5BC10

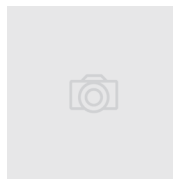
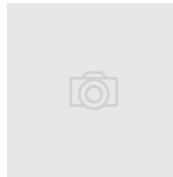
Required: No

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



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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

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

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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

