

# 450LB4FN1050YD

AB 450L GuardShield POC Light Curtain Basic Safety  
Transceiver 1050mm Resolution 14mm



**Allen-Bradley**

by ROCKWELL AUTOMATION

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	24.0 V
	Type of safety according to IEC 61496-1	4
CONSTRUCTION	Material housing	Metal
	Degree of protection (IP)	IP65
	Number of beams	16.0
PHOTOMETRIC	Beam spacing	14.0 mm
	Wavelength of the sensor	850.0 nm
	Height (protected)	1050.0 mm
DIMENSIONS	Width	30.0 mm
	Ambient temperature	-10 - 55 °C