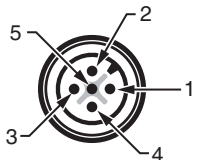


Presence Sensing Safety Devices
POC Type 4 Safety Light Curtains
GuardShield

Termination Connector for Cascadable GuardShield Receiver (if it's a standalone pair) with ArmorBlock Guard I/O Connectivity

Face View of Female	Description	Cat. No.
	5-pin M12 Termination Adaptor	898D-418U-DM

Note: The cascadable GuardShield with ArmorBlock Guard I/O connectivity can be used as a standalone pair if the top connector on the receiver has a termination adaptor connected. The cascadable transmitter does not require a termination adaptor.

Optional Accessories

Description		Cat. No.
	Steel L-shaped end cap mounting bracket (4 per package) Note: 4 brackets supplied with each GuardShield pair.	440L-AF6101
	Aluminum middle mounting bracket for vibratory applications	440L-AF6108
	Power supply: Output—24V DC, 3 Amps, 72 W	1606-XLP72E
	Laser alignment tool	440L-ALAT
	GuardShield laser alignment tool bracket	440L-AF6109
	Mounting stand	440L-AMSTD
	Vertical shock mount kit	440L-AF6120
	Horizontal shock mount kit	440L-AF6121
	Middle vertical mount kit	440L-AF6122
	Middle horizontal mount kit	440L-AF6123
	GuardShield weld shield (cat. no. is for a pair of light curtains)	440L-AGWS0160
		440L-AGWS0320
		440L-AGWS0480
		440L-AGWS0640
		440L-AGWS0800
		440L-AGWS0960
		440L-AGWS1120
		440L-AGWS1280
		440L-AGWS1440
		440L-AGWS1600
	GuardShield Washdown Enclosure Kit Note: Only for use with standard GuardShield light curtain.	440L-AGST320
		440L-AGST480
		440L-AGST640
		440L-AGST800
		440L-AGST960
	8-pin M12 Receiver Termination Plug (Required for top receiver connector if a cascaded pair is used as a standalone or if it is the last pair in a cascaded system.)	898D-81CU-DM

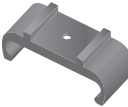
Presence Sensing Safety Devices
POC Type 4 Safety Light Curtains
GuardShield Safe 4

Optional Accessories

	Description	Cat. No.
	Standard kit (4 pieces — supplied with each pair)	445L-AF6140
	180° Adjustable kit (two kits required per pair)	445L-AF6141
	Shock Mount Kit (2 kits required per pair of light curtains)	445L-AF6142
	Vertical mounting kit (two kits required per pair)	445L-AF6144
	MSR42 Multifunction Module (requires Cat. No. 440L-AF6150 to program)	440R-P226AGS-NNR
	MSR45E — Safety relay expansion module for MSR42	440R-P4NANS
	USB optical interface software configuration tool used to configure the MSR42 (Used to configure the MSR42 module or get diagnostic information from the Safe 4.)	445L-AF6150
	Ribbon cable — to connect one MSR45E to an MSR42	440R-ACABL1
	Ribbon cable — to connect two MSR45Es to an MSR42	440R-ACABL2
	Ribbon cable — to connect three MSR45Es to an MSR42	440R-ACABL3
	Mounting stand (Comes with hardware to level base and two GuardShield mounting brackets.)	440L-AMSTD

Presence Sensing Safety Devices
POC Type 2 Safety Light Curtains
GuardShield Type 2

Optional Accessories

Description		Cat. No.
	Steel L-shaped end cap mounting bracket (4 per package) Note: 4 brackets supplied with each GuardShield pair.	440L-AF6101 (1 package per system)
	Aluminum middle mounting bracket for vibratory applications	440L-AF6108 (1 package per system)
	Power Supply: Output 24V DC, 3 Amps, 72 W	1606-XLP72E
	Laser alignment tool	440L-ALAT
	GuardShield laser alignment tool bracket	440L-AF6109
	Mounting stand	440L-AMSTD
	GuardShield weld shield (cat. no. is for a pair of light curtains)	440L-AGWS0160
		440L-AGWS0320
		440L-AGWS0480
		440L-AGWS0640
		440L-AGWS0800
		440L-AGWS0960
		440L-AGWS1120
		440L-AGWS1280
		440L-AGWS1440
		440L-AGWS1600
		440L-AGWS1760
	Vertical shock mount kit	440L-AF6120
	Horizontal shock mount kit	440L-AF6121
	Middle vertical mount kit	440L-AF6122
	Middle horizontal mount kit	440L-AF6123

Optional Accessories

Description		Cat. No.
	Standard kit (4 pieces — supplied with each pair)	445L-AF6140
	180° Adjustable kit (two kits required per pair)	445L-AF6141
	Shock Mount Kit (2 kits required per pair of light curtains)	445L-AF6142
	Vertical mounting kit (two kits required per pair)	445L-AF6144
	MSR42 Multifunction Module (requires Cat. No. 440L-AF6150 to program)	440R-P226AGS-NNR
	MSR45E—Safety Relay for MSR41 or MSR42 (requires ribbon cable connection)	440R-P4NANS
	USB optical interface software configuration tool used to configure the MSR42	445L-AF6150
	Ribbon cable—for one MSR45E	440R-ACABL1
	Ribbon cable—for two MSR45Es	440R-ACABL2
	Ribbon cable—for three MSR45Es	440R-ACABL3
	Mounting stand	440L-AMSTD

2-Opto-electronics

Note: MSR42 operating software may be downloaded at www.ab.com/safety.

Presence Sensing Safety Devices
PAC Type 4 Safety Light Curtains
 GuardShield PAC

Accessories—Optional

Description		Cat. No.
	Steel L-shaped end cap mounting bracket (4 per package) Note: 4 brackets supplied with each GuardShield pair.	440L-AF6101 (1 package per system)
	Power Supply: Output 24V DC, 3 A, 72 W	1606-XLP72E
	Laser alignment tool	440L-ALAT
	GuardShield laser alignment tool bracket	440L-AF6109
	Mounting stand	440L-AMSTD
	GuardShield weld shield pair—3 beam	440L-AGWS0960
	GuardShield weld shield pair—2 beam	440L-AGWS0640
	Vertical shock mount kit	440L-AF6120
	GuardShield washdown enclosure kit—2 beam PAC	440L-AGST640
	GuardShield washdown enclosure kit—3 beam PAC	440L-AGST960

Note: The GuardShield washdown enclosure kits will not accommodate the GuardShield with Integrated Laser and with Integrated Laser and ArmorBlock Guard I/O connectivity.

Corner Mirror for Multi-Sided Guarding

Specially constructed glass mirrors for 2- and 3-sided safeguarding applications.

Note: Each mirror reduces maximum scan range by 10% per mirror.

GuardShield Light Curtain Cat. No.	Narrow Mirror Short-Range 0...4 m	Cat. No.	Wide Mirror Long-Range 4...15 m	Cat. No.
440L-P4A2500YD		440L-AM0750750		440L-AM1250750
440L-P4A3400YD		440L-AM0751050		440L-AM1251050

Optional Accessories

	Description	Cat. No.
	Standard kit (4 pieces — supplied with each pair)	445L-AF6140
	180° Adjustable kit (two kits required per pair)	445L-AF6141
	Shock Mount Kit (2 kits required per pair of light curtains)	445L-AF6142
	Vertical mounting kit (two kits required per pair)	445L-AF6144
	MSR42 Multifunction Module (requires 440L-AF6150 to program)	440R-P226AGS-NNR
	MSR45E — Safety relay expansion module for MSR42	440R-P4NANS
	USB optical interface software configuration tool used to configure the MSR42 (Used to configure the MSR42 module or get diagnostic information from the Safe 4.)	445L-AF6150
	Ribbon cable — to connect one MSR45E to an MSR42	440R-ACABL1
	Ribbon cable — to connect two MSR45Es to an MSR42	440R-ACABL2
	Ribbon cable — to connect three MSR45Es to an MSR42	440R-ACABL3
	Mounting stand (Comes with hardware to level base and two GuardShield mounting brackets.)	440L-AMSTD

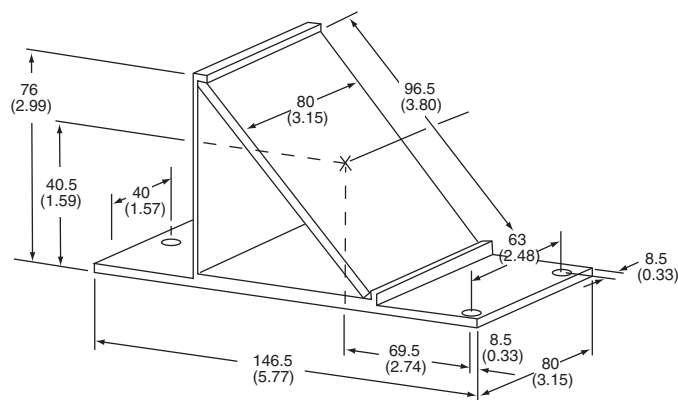
Presence Sensing Safety Devices

Safety Light Curtains

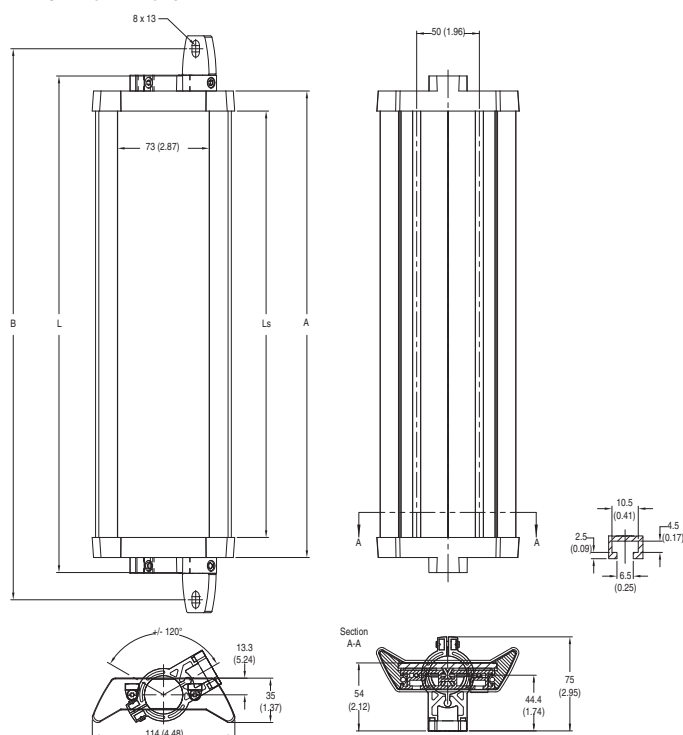
Accessories

Dimensions are shown in mm (in.). Dimensions are not intended to be used for installation purposes.

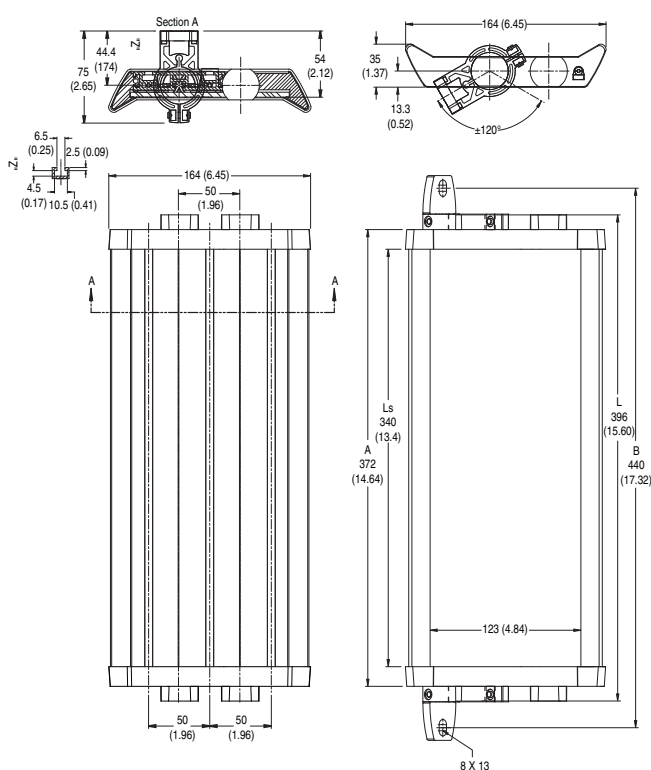
Mirror 440L-AMIRR2



Mirror 440L-AM075



Mirror 440L-AM125



MODEL NO.	SERIES	DESCRIPTION	L	Ls	A	B
440L-AM1250300	A	Mirror, 300 mm, 15 m	396	340	372	440
440L-AM1250450	A	Mirror, 450 mm, 15 m	546	490	522	590
440L-AM1250600	A	Mirror, 600 mm, 15 m	696	640	672	740
440L-AM1250750	A	Mirror, 750 mm, 15 m	846	790	822	890
440L-AM1250900	A	Mirror, 900 mm, 15 m	996	940	972	1040
440L-AM1251050	A	Mirror, 1050 mm, 15 m	1146	1090	1122	1190
440L-AM1251200	A	Mirror, 1200 mm, 15 m	1296	1240	1272	1340
440L-AM1251350	A	Mirror, 1350 mm, 15 m	1446	1390	1422	1490
440L-AM1251500	A	Mirror, 1500 mm, 15 m	1596	1540	1572	1640
440L-AM1251650	A	Mirror, 1650 mm, 15 m	1746	1690	1722	1790
440L-AM1251800	A	Mirror, 1800 mm, 15 m	1896	1840	1872	1940

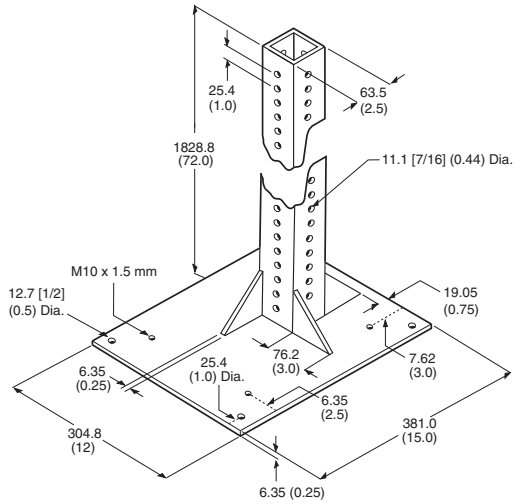
Note: The 1800 mm corner mirror can not be mounted to the floor stand (440L-AMSTD) with end cap brackets. This requires the t-nut kit (440L-AF6115) for rear mounting.

MODEL NO.	SERIES	DESCRIPTION	L	Ls	A	B
440L-AM0750300	A	Mirror, 300 mm, 4 m	396	340	372	440
440L-AM0750450	A	Mirror, 450 mm, 4 m	546	490	522	590
440L-AM0750600	A	Mirror, 600 mm, 4 m	696	640	672	740
440L-AM0750750	A	Mirror, 750 mm, 4 m	846	790	822	890
440L-AM0750900	A	Mirror, 900 mm, 4 m	996	940	972	1040
440L-AM0751050	A	Mirror, 1050 mm, 4 m	1146	1090	1122	1190
440L-AM0751200	A	Mirror, 1200 mm, 4 m	1296	1240	1272	1340
440L-AM0751350	A	Mirror, 1350 mm, 4 m	1446	1390	1422	1490
440L-AM0751500	A	Mirror, 1500 mm, 4 m	1596	1540	1572	1640
440L-AM0751650	A	Mirror, 1650 mm, 4 m	1746	1690	1722	1790
440L-AM0751800	A	Mirror, 1800 mm, 4 m	1896	1840	1872	1940

Note: The 1800 mm corner mirror can not be mounted to the floor stand (440L-AMSTD) with end cap brackets. This requires the t-nut kit (440L-AF6115) for rear mounting.

Dimensions are shown in mm (in.). Dimensions are not intended to be used for installation purposes.

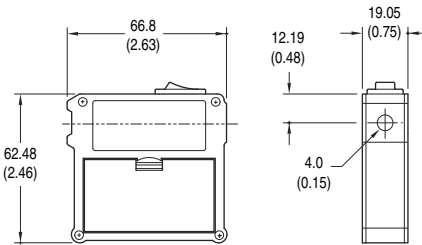
Mounting Stand—440L-AMSTD



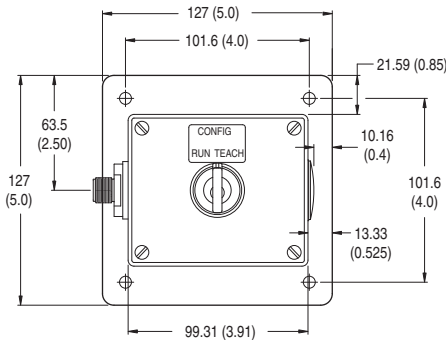
Two of each bracket included with 440L-AMSTD to mount GuardShield light curtains to mounting stand.



Laser Alignment Tool—440L-ALAT

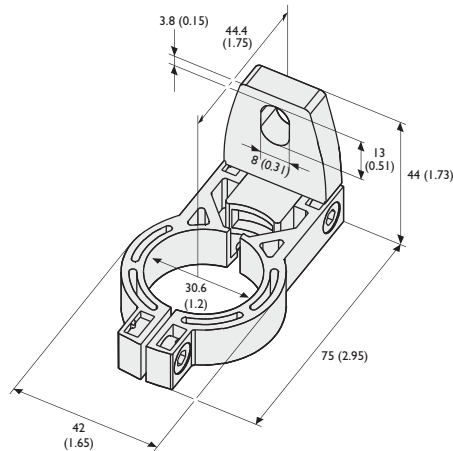


440L-M8600—GuardShield Remote Teach Box

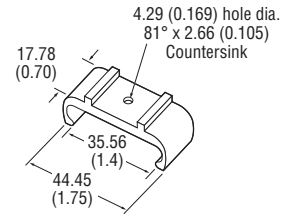


Swivel Mounting Bracket 442L-AF6106

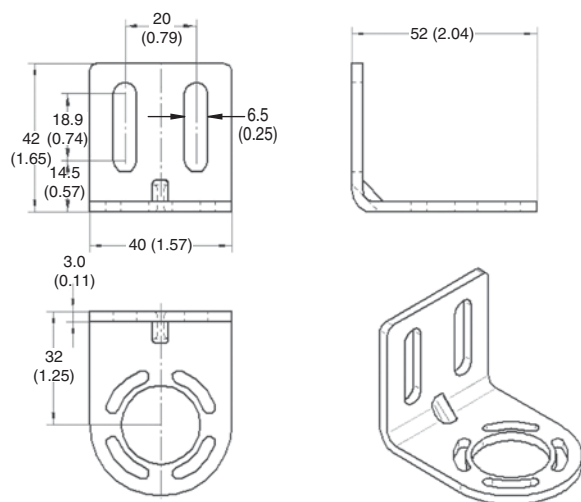
Used for end mounting of corner mirrors. Two supplied with each corner mirror.



440L-AF6109—used to mount the 440L-ALAT laser alignment tool to Guard Shield light curtains

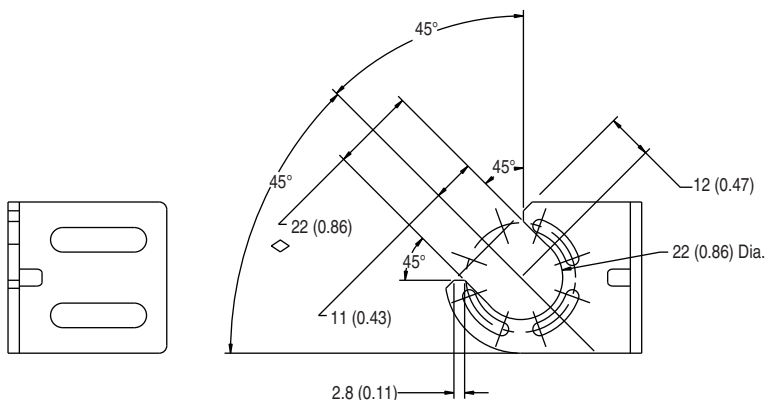


GuardShield Mounting Brackets:



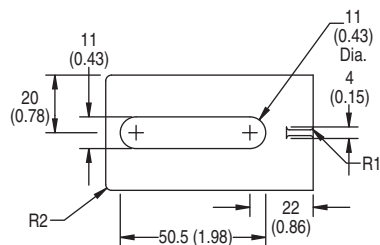
Supplied with each GuardShield safety light curtains.

GuardShield Remote Teach Receiver Bracket



One supplied with each Remote Teach receiver.

GuardShield 440L-AMSTD mounting column brackets



Two supplied with each stand.

