SU Series Ultrasonic Sensors



M18 (18 mm) plastic –DC or analog output

- High resolution
- 2 DC models available with adjustable sensitivity
- 3 analog models available
- Complete overload protection
- IP67 rated
- LED status indicator on DC models
- Purchase cable separately (for quick-disconnect model)
- Lifetime warranty



SU Series Ultrasonic DC Output Sensor Selection Chart								
Part Number	Price	Sensing Range	Output State	Logic	Connection	Wiring		
SU1-B0-0A	<>	100 to 600mm (3.94-23.62in)	N.O.	PNP	2m (6.5') axial cable	Diagram1		
SU2-A0-0A	<>	200 to 1500mm (7.87-59.06in)	IN.U.	PNP	2m (6.5') axial cable	Diagramii		

SU Series Ultrasonic Analog Output Sensor Selection Chart								
Part Number	Price	Sensing Range	Output	Connection	Wiring			
SU1-B1-0A	<>	100 to 600mm (3.94-23.62in)		2m (6.5') axial cable				
SU1-B1-0E	<>	100 to 00011111 (3.34-23.02111)	0-10VDC	M12 (12mm) connector Diagra				
SU2-A1-0E	<>	200 to 1500mm (7.87-59.06in		M12 (12mm) connector				

	Speci	fications				
Mounting Type	SU1-B0-0A	SU2-A0-0A	SU1-B1-0*	SU2-A1-0E		
Nominal Sensing Distance	100 to 600mm (3.94-23.62in)	200 to 1500mm (7.87-59.06in)	100 to 600mm (3.94-23.62in)	200 to 1500mm (7.87-59.06in		
Operating Distance		N,	/A			
Output Type	PNP	/ N.O.	0-10	OVDC		
Operating Voltage	15-3	OVDC	18-3	OVDC		
No-load Supply Current		≤3!	5mA			
Operating (Load) Current	≤50	00mA	≤ţ	ōmA		
Off-state (Leakage) Current		≤1	0μΑ			
Voltage Drop	≤2.5	volts				
Switching Frequency	25Hz	8Hz		-		
Differential Travel	±2.5%	±2.0%				
Repeat Accuracy	0.2	2%	±2	mm		
Time Delay Before Availability (tv)	≤200ms ≤500ms					
Reverse Polarity Protection		Yı	es			
Short-Circuit Protection		Yes (switch auto-resets a	fter overload is removed)			
Lineariy Error		-	≤0.3%			
Ultrasonic Frequency	300kHz	180kHz	300kHz	180kHz		
Ultrasonic Beam Angle		8	0			
Max. Response Time		-	50ms	150ms		
Control Input		Hold ,	'Sync			
Sensitivity Adjustment	Υ	es		-		
Input Voltage Transient Protection			does not exceed 30VDC			
Operating Temperature		-25° to +70°C	,			
Temperature Compensation		Yı	es			
Protection Degree		IEC	IP67			
Indication/Switch Status	Yellow (outp	ut energized)		-		
Housing Material	Polybutylene Terephthalate (PBT)					
Shock/Vibration	See Terminology Section					
Tightening Torque		3 Nm (2	.21lb-ft)			
Weight (cable/connector)		54g (1.90oz) /	38g (1.34oz.)			
Connection	2m (6.5')	axial cable	2m (6.5') axial cable or	M12 (12mm) connector		
Agency Approvals		CE, UL listed	file E187310	<u> </u>		



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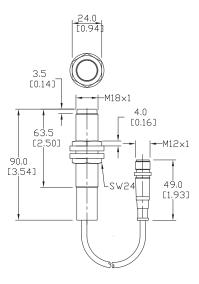
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SU Series Ultrasonic Sensors

Dimensions

mm [inches]



Wiring Diagrams

Diagram 1*

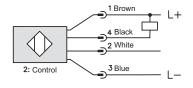
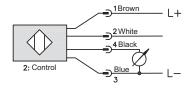


Diagram 2*



*Note: Control wire can be used to inhibit sensor or to synchronize with another sensor.

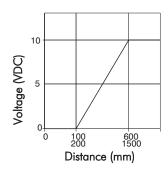
Connector



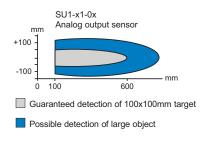
Must be used with 2M or 7M cable (4-wire)

Characteristic Curves

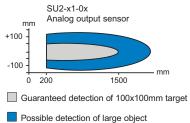
Analog Output



Detection Area SU1 Analog output



Detection Area SU2 Analog output



e18-56

Cables with quick-disconnect plugs

- Industry standard axial and right-angle M8/M12 screw-lock connectors with open leads. The cables listed can be used with patch cables
- 2m, 5m, 7m and 10m cable lengths
- PVC (polyvinyl chloride) jacket for typical industrial applications
- PUR (polyurethane) jacket for oily and direct sunlight applications
- IP67 rated

M8 Quick-Disconnect Cables (Pico, Nano)								
Part Number	Price	Length	Poles	Connector	LED	Jacket	Dimensions	
M8 Quick-Disconnect	S							
CD08-0A-020-A1	<>	2m (6.5ft.)	3	Axial	No	PVC	Figure 1	
CD08-0A-020-C1	<>	2m (6.5ft.)	3	Right-angle	No	PVC	Figure 2	
CD08-0A-050-A1	<>	5m (16.4ft.)	3	Axial	No	PVC	Figure 4	
CD08-0C-050-A1	<>	5m (16.4ft.)	3	Axial	No	PUR	Figure 3	
CD08-0A-050-C1	<>	5m (16.4ft.)	3	Right-angle	No	PVC	Figure 5	
CD08-0C-050-C1	<>	5m (16.4ft.)	3	Right-angle	No	PUR	Figure 5	
CD08-0A-070-A1	<>	7m (23ft.)	3	Axial	No	PVC	Figure 1	
CD08-0A-070-C1	<>	7m (23ft.)	3	Right-angle	No	PVC	Figure 2	

M12 Qui	M12 Quick-Disconnect Cables (Euro, Micro DC-Single Key)							
Part Number	Price	Length	Poles	Connector	LED	Jacket	Dimensions	
M12 Quick-Disconnects	M12 Quick-Disconnects							
CD12L-0B-020-A0	<>	2m (6.5ft)	4	Axial	No	PVC	Figure 6	
CD12L-0B-020-C0	<>	2m (6.5ft)	4	Right-angle	No	PVC	Figure 7	
CD12M-0B-050-A1*	<>	5m (16.4ft)	3	Axial	No	PVC	Figure 8	
CD12M-0D-050-A1*	<>	5m (16.4ft)	3	Axial	No	PUR	Figure 9	
CD12M-0B-050-C1*	<>	5m (16.4ft)	3	Right-angle	No	PVC	Figure 10	
CD12M-0D-050-C1*	<>	5m (16.4ft)	3	Right-angle	No	PUR	Figure 11	
CD12M-0B-070-A1	<>	7m (23ft)	4	Axial	No	PVC	Figure 6	
CD12M-0B-070-C1	<>	7m (23ft)	4	Right-angle	No	PVC	Figure 7	
* Note: Do not use with sen	sors that	require 4-pa	le cables.					





- IP67 /IP68 / IP69K, II rated
- LED indication for 10 -36 VDC PNP sensors only



M12 Quick-Disconnect Cables with LED Indicator (Euro, Micro DC-Single Key)							
Part Number	Price	Length	Poles	Connector	LED	Jacket	Dimensions
M12 Quick-Dis	connec	cts					
EVC178*	<>	2m (6.5ft)	4	Right-angle	Yes	PUR	Figure 12
EVC179*	<>	5m (16.4ft)	4	Right-angle	Yes	PUR	Figure 12
EVC180*	<>	10m (32.8ft)	4	Right-angle	Yes	PUR	Figure 12

*Note: LED for 10 to 36 VDC PNP only.

Cables with LED and

• 2m, 5m and 10m cable lengths

plug with open leads

quick-disconnect plugs

• Industry standard M12 right angle female

• These cables can be used with patch cables

Do not use with NPN or analog ouput devices.

Do not use when white wire (Pin 2) is used for selection of a sensor function.

Do not use when emitter has check function.

LED Models' Wiring



PNP-NORMALLY OPEN

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			Cable Speci	fications			
	Specification		M8	I	W12	M12 with LED	
Length		2m (6.5ft) / 7m (23ft)	5m (16.4ft)	2m (6.5ft) / 7m (23ft)	5m (16.4ft)	2m (6.5 ft) / 5m (16.4ft) / 10m (32.8ft)	
Nominal V	oltage	50VAC/75VDC	60VAC/DC	300VAC	250VAC/DC	10 to 36VDC	
Max Curre	nt		4A		4A	4A	
LED Currei	nt Loading	N/A	N/A	N/A	N/A	10V input Brown wire LED: 1.7mA White and/or Black LED: 0.9mA 36V input Brown wire LED: 7.3mA White and/or Black LED: 4.7mA	
Protection	Degree	IP67	IP65 / IP68 / IP69K	IP67	PVC: IP68 PUR: IP68 / IP69K	IP67 / IP68 / IP69K	
Material N	ut	brass; r	nickel plated	brass; r	nickel plated	brass; nickel plated	
Jacket Mat	terial	PolyVinyl Chloride, (PVC)	PVC:CD08-0A-xxx. PUR:CD08-0C-xxx	PVC	PVC:CD12M-0B-xxx. PUR:CD12M-0D-xxx	PolyURethane (PUR)	
Housing M	laterial	Polyure	thane (PUR)	Polyure	thane (PUR)	Polyurethane (PUR)	
Contacts IV	laterial	Copper-Tin Alloy	(CuSn) -gold plated	Copper-Tin Alloy (CuSn) -gold plated		Gold plated brass	
Tightening	Torque	0.5 Nm	≤ 0.4 Nm	0.5 Nm	≤ 0.4 Nm	0.6 to 1.5 Nm	
Conductors	s Cross Section (AWG)	0.25mm ² (24 AWG)	0.25mm ² (24 AWG)	0.25mm ² (24 AWG)	0.34mm ² (22 AWG)	4 x 0.34mm ² (4 x 22 AWG)	
Ø Outer Ca	ble	5mm	PVC: 4 mm PUR: 4 mm	5mm	PVC: 4.2 mm PUR: 4.3 mm	5mm	
Temperatu	re Range	-25° to +80°C (-13° to 176°F)	-25° to 90°C (-13° to 194°F)	-25° to +80°C (-13° to 176°F)	PVC: -30° to 70°C (-22° to 158°F) PUR: -50° to 90°C (-58° to 194°F)	-25° to +90°C (-13° to 194°F)	
Environme	ntal	N/A	Halogen free, Silicone free	N/A	Halogen free, Silicone free	Halogen free, Silicone free	
	isplay Power LED	N/A	N/A	N/A	N/A	Green	
Switching		N/A	N/A	N/A	N/A	2 x Yellow	
n ele ility	Bending Radius			min. 10 x cat	ole diameter		
hai Cab	Bending Cycles	N/A	N/A	N/A	N/A	>5 million	
Drag Chain (Roller Cable Tray) Suitability	Travel Speed	N/A	N/A	N/A	N/A	Max. 3.3 m/s for a horizontal travel length of 5 meters and max. acceleration of 5 m/s ²	
Tra	Torsional Strain	N/A	N/A	N/A	N/A	±180°/m	
Agency Ap	provals		Rol	HS		UL File E191684, RoHS	

	UL Reference							
Part Number	Mini-Series Female Cord Connectors Series M12, UL Catalog Number							
EVC178	AD0AH043MSS0002H04							
EVC179	AD0AH043MSS0005H04							
EVC180	AD0AH043MSS0010H04							
	vn in UL file under Mini-series Female Connectors using catalog number							

Dimensions

mm [inches]

Figure 1

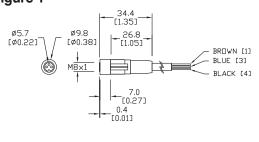
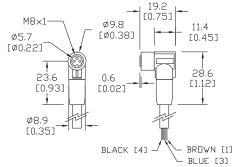


Figure 2



8.6

[0.34]

[0.97]

BROWN [1]

- BLUE [3]

Dimensions

mm [inches]

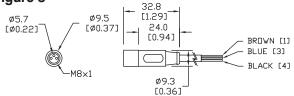
Figure 3

Figure 5

M8×1

ø5.7

[ø0.22]



ø9.5

. [0.31]

[ø0.37]

BLACK [4]

Figure 4

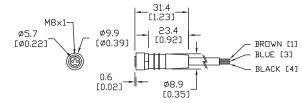


Figure 6

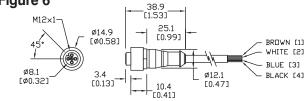


Figure 7

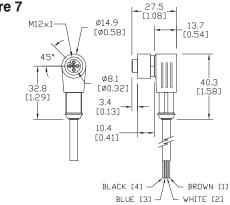


Figure 8

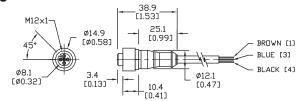


Figure 9

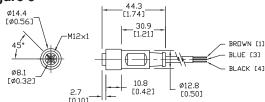
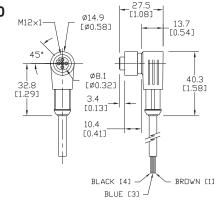


Figure 10



1.03

Figure 11

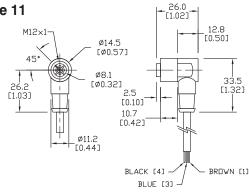
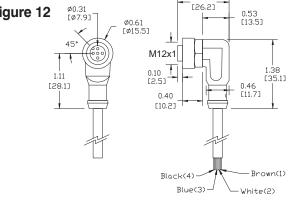


Figure 12



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Product

Patch cables with quickdisconnect plugs on each end

Available patch cables include:

- Industry standard M8 and M12 screw-lock connectors
- One male and one female connector
- Axial and right-angle connector models
- 1m and 3m cable lengths
- PVC (polyvinyl chloride)jacket for typical industrial applications
- IP67 rated



M8 Patch Cables with Quick-Disconnect on Each End (Pico, Nano)								
Part Number	Price	Length	Poles	Connectors	Jacket	Dimensions		
M8 Quick-Disconnect	M8 Quick-Disconnect Patch Cables							
CDP08-0A-010-AA	<>	1m (3.28ft)	3	2 Axial. One male and one female connector	PVC	Figure 1		
CDP08-0A-010-BB	<>	1m (3.28ft)	3	2 Right-angle. One male and one female connector	PVC	Figure 3		
CDP08-0A-030-AA	<>	3m (9.84ft)	3	2 Axial. One male and one female connector	PVC	Figure 2		
CDP08-0A-030-BB	<>	3m (9.84ft)	3	2 Right-angle. One male and one female connector	PVC	Figure 3		

M12 Patch Cables with Quick-Disconnect on Each End (Euro, Micro DC-Single Key)								
Part Number	Price	Length	Poles	Connectors	Jacket	Dimensions		
M12 Quick-disconnect	M12 Quick-disconnect Patch Cables							
CDP12-0B-010-AA	<>	1m (3.28ft.)	4	2 Axial. One male and one female connector	PVC	Figure 4		
CDP12-0B-010-BB	<>	1m (3.28ft.)	4	2 Right-angle. One male and one female connector	PVC	Figure 5		
CDP12-0B-030-AA	<>	3m (9.84ft.)	4	2 Axial. One male and one female connector	PVC	Figure 4		
CDP12-0B-030-BB	<>	3m (9.84ft.)	4	2 Right-angle. One male and one female connector	PVC	Figure 5		

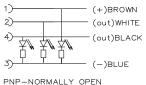
Patch Cables with LED

Available patch cables with LED include:

- Right-angle M12 female plug with LED indication on one end and axial male plug on the other end
- 0.3m, 0.6m, 1m, 2m, 5m, and 10m cable lengths
- PUR (polyurethane) jacket for oily and direct sunlight applications
- IP67 / IP68 / IP69K, II rated
- LED indication for 10 -36 VDC PNP sensors only



LED Models' Wiring





M12 Pa	itch C	ables with	ı LED İn	dicator (Euro,	Micro	DC-Singl	e Key)
Part Number	Price	Length	Poles	Connectors	LED	Jacket	Dimensions
M12 Patch Cab	les						
EVC322*	<>	0.3m (0.98ft)	4	Right-angle female, axial male	Yes	PUR	Figure 6
EVC323*	<>	0.6m (1.97ft)	4	Right-angle female, axial male	Yes	PUR	Figure 6
EVC324*	<>	1m (3.28ft)	4	Right-angle female, axial male	Yes	PUR	Figure 6
EVC325*	<>	2m (6.5ft)	4	Right-angle female, axial male	Yes	PUR	Figure 6
EVC326*	<>	5m (16.4ft)	4	Right-angle female, axial male	Yes	PUR	Figure 6
EVC327*	<>	10m (32.8ft)	4	Right-angle female, axial male	Yes	PUR	Figure 6

*Note: LED for 10 to 36 VDC PNP only.

Do not use with NPN or analog ouput devices.s

Do not use when white wire (Pin 2) is used for selection of a sensor function.

Do not use when emitter has check function.

		Cable Spec	ifications		
Specification	M8	M12	M12 with LED		
Length	1m (3.28ft.)	/ 3m (9.84ft.)	0.3m (0.98ft) / 0.6m (1.97ft) / 1m (3.28ft) 2m (6.5ft) / 5m (16.4ft) / 10m (32.8ft)		
Nominal Voltage	60 VAC/DC	250 VAC/DC	10 to 36VDC		
Max Current	4	A	4A		
LED Current Consumption	N,	/A	10V input Brown wire LED: 1.7mA White and/or Black LED: 0.9mA 36V input Brown wire LED: 7.3mA White and/or Black LED: 4.7mA		
Protection Degree	IEC	IP67	IEC IP67/IP68/IP69K		
Material Nut	Brass: nic	kel plated	Brass: nickel plated		
Jacket Material	PolyVinyl Ch	nloried (PVC)	PolyURethane (PUR)		
Housing Material	PolyUReth	ane (PUR)	Connector: Orange PUR, Socket: Black PUR		
Contacts Material	Copper-tin(0	CuSn)=Brass	Brass; gold plated		
Conductors Cross Section (AWG)	0.34mm ²		0.34mm ² (22 AWG)		
Tightening Torque	0.5	Nm	Plug: 0.6 to 1.5 Nm (take into account the maximum value of the counterpart) Socket: 0.6 to 1.5 Nm		
Ø Outer Cable	5n	nm	5mm		
Temperature Range	-25° to +70°C	(-13° to 158°F)	-25° to +90°C (-13° to 194°F)		
Function Display LED	N	/A	Green		
Switching Status LED	N	/A	2 x Yellow		
Bending Radius			min. 10 x cable diameter		
Bending Cycles			>5 million		
Dad Chain Bending Radius Was Bending Cycles Travel Speed Torsional Strain	N,	/A	Max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s ²		
Torsional Strain	N	/A	±180°/m		
Agency Approvals	Ro	HS	UL File E191684, RoHS		

	UL Reference		
Part Number	Cable Assemblies Series M12, UL Catalog Number		
EVC322	VD0AH043MSS00.3H04STGH040MSS		
EVC323	VD0AH043MSS00.6H04STGH040MSS		
EVC324	VD0AH043MSS0001H04STGH040MSS		
EVC325	VDOAH043MSS0002H04STGH040MSS		
EVC326	VD0AH043MSS0005H04STGH040MSS		
EVC327	VD0AH043MSS0010H04STGH040MSS		
	Note: Shown in UL file under Cable Assemblies using catalog number		

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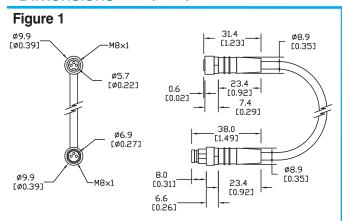
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Safety

Аррениіх

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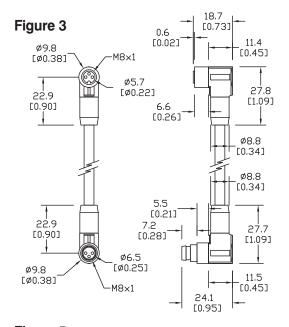
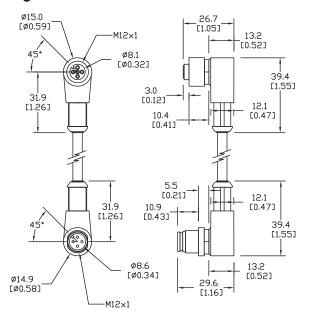


Figure 5



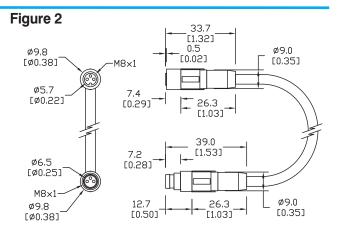


Figure 4

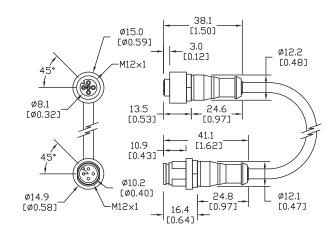
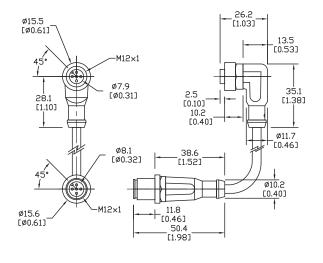


Figure 6



Accessories: Adapter, Mounting Brackets

ST12A axial bracket

For mounting M12 (12 mm) sensors. Has two mounting holes (use 3 mm screws) and allows the rotation of an optical axis for right-beam angle adapter sensors. Hexagonal nuts not included.



		The second second second
Brackets		
Part Number	Price	Description
ST12A	<>	Metal axial bracket for 12 mm sensors, 1/pk
ST12A7W	<>	316L stainless steel axial bracket for 12 mm sensors, 1/pk

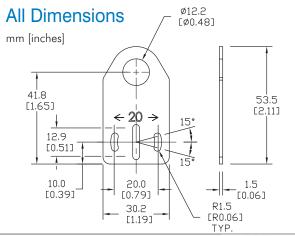


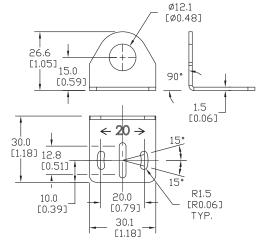
ST12C right-angle bracket

Angular mounting bracket for use with M12 (12 mm) sensors. Has two mounting holes (use 3 mm screws) and allows the rotation of an optical axis for axial sensors. Hexagonal nuts not included.



Brackets		
Part Number	Price	Description
ST12C	<>	Metal right angle bracket for 12 mm sensors, 1/pk
ST12C7W	<>	316L stainless steel right angle bracket for 12 mm sensors, 1/pk





ST18A axial bracket

Mounting bracket for M18 (18 mm) sensors. Has two mounting holes (use 4 mm screws) and allows the rotation of an optical axis for right-beam-angle-adapter sensors. Hexagonal nuts not included.



Brackets		
Part Number	Price	Description
ST18A	<>	Metal axial bracket for 18 mm sensors, 1/pk
ST18A7W	<>	316L stainless steel axial bracket for 18 mm sensors, 1/pk

Ø18.3 [Ø0.72] R2.1 53.8 [R0.08] 70.6 [2.78] [2.12] TYP. 15° 15.9 [0.62] 14.0 30.0 [0.55] [1.18] 1.5 42.4 [0.06] [1.67]

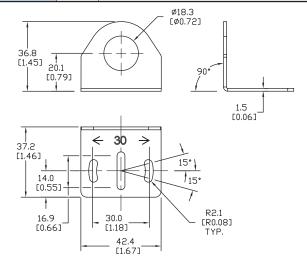
www.automationdirect.com/proximity

ST18C right-angle bracket

Angular mounting bracket for M18 (18 mm) sensors. Has two mounting holes (use 4 mm screws) and allows the rotation of an optical axis for axial sensors. Hexagonal nuts not included.



Brackets		
Part Number	Price	Description
ST18C	<>	Metal right angle bracket for 18 mm sensors, 1/pk
ST18C7W	<>	316L stainless steel right angle bracket for 18 mm sensors, 1/pk



e18-73

Systems Overview

Programmable Controllers

Field I/O

Software

C-more &

Drives

Soft Starters

Motors & Gearbox

Steppers/ Servos

Motor

Photo

Limit Switches

Encoders Current

Pressure Sensors Temperature

Liahts

Process

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Comm.

Terminal Blocks & Wiring

Power

Circuit Protection

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Tools

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Safety

Appendix

Product Index

Accessories: Mounting Brackets

ST30A axial bracket

Mounting M30 (30 mm) sensors. Has two mounting holes (use 5 mm screws) and allows the rotation of an optical axis for right-beam-angle-adapter sensors. Hexagonal nuts not included.



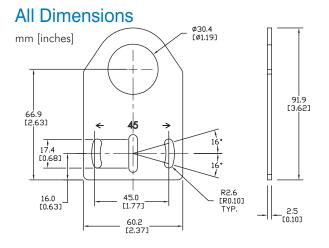
Brackets Brackets		
Part Number	Price	Description
ST30A	<>	Metal axial bracket for 30 mm sensors, 1/pk

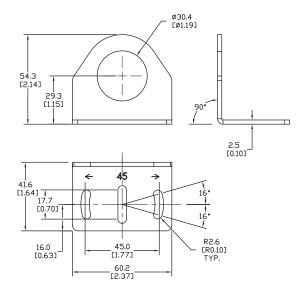
ST30C right-angle bracket

Angular mounting bracket for M30 (30 mm) sensors. Has two mounting holes (use 5 mm screws) and allows the rotation of an optical axis for axial sensors. Hexagonal nuts not included.



Brackets			
Part Number	Price	Description	
ST30C	<>	Metal right angle bracket for 30 mm sensors, 1/pk	





We sell good proximity sensors at great prices – and we back them up!

AutomationDirect Lifetime Warranty

Registration required

For inductive proximity sensors sold to the Original User for the lifetime of the original application.

The following terms apply to the LIFETIME WARRANTY in addition to the General Terms:

- 1. This warranty is available only to AUTOMATION DIRECT'S authorized Value Added Resellers and to the Original User. In the event the ownership of the product is transferred to a person, firm, or corporation other than the Original User, this WAR-RANTY shall terminate.
- 2. This WARRANTY is applicable only to the original installation of the product. In the event the machinery, equipment, or production line to which the product is connected, or on which it is installed, is substituted, changed, moved or replaced, the WARRANTY shall terminate.
- 3. This WARRANTY shall be valid only if the product was purchased by the Original User from AUTOMATIONDIRECT, or from an authorized AUTOMATIONDIRECT Value Added Reseller, or was an integral part of a piece of machinery and equipment obtained by the Original User from an original equipment manufacturer, where the part was purchased by the original equipment manufacturer directly from AUTOMATIONDIRECT or from an authorized AUTOMATIONDIRECT Value Added Reseller.

Purchaser's remedies

This remedy shall apply to WARRANTIES. If an AutomationDirect Value Added Reseller desires to make a WARRANTY claim, the Value Added Reseller shall, if requested by AUTOMATION DIRECT, ship the product to AUTOMATION DIRECT's facility in Cumming, GA postage or freight prepaid. If the Original User desires to make a WARRANTY Claim, they shall notify the authorized Value Added Reseller from whom it was purchased or, if purchased directly from AUTOMATION DIRECT, shall notify AUTOMATIONDIRECT and, if requested by AUTOMATION DIRECT, ship the Product to AUTOMATION DIRECT's facility in Cumming, GA postage or freight prepaid. AUTOMATION DIRECT shall, at its option, take any of the following two courses of action for any products which AUTOMATIONDIRECT determines are defective in materials or workmanship.

- 1. Repair or replace the product and ship the product to the Original User or to the authorized AUTOMATION DIRECT Value Added Reseller, postage or freight prepaid; or
- 2.-Repay to the Original User that price paid by the Original User; provided that if the claim is made under the lifetime warranty, and such product is not then being supplied by AUTOMATIONDIRECT, then the amount to be repaid by AUTOMATIONDIRECT to the Original User shall be reduced according to the following schedule:

Number of Years Since Date of Purchase by Original User	Percent of Original Purchase Price To Be Paid by AutomationDirect
10	50 percent
15	25 percent
20	10 percent
More than 20	5 percent

REMEDIES OF PURCHASER'S AND VALUE ADDED RESELLERS SHALL BE LIMITED EXCLUSIVELY TO THE RIGHT OF REPLACEMENT, REPAIR OR REPAYMENT AS PROVIDED ABOVE AND DOES NOT INCLUDE ANY LABOR COST OR REPLACEMENT AT ORIGINAL USER'S SITE. AUTOMATIONDIRECT.COM SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF ANY WARRANTY, EXPRESSED OR IMPLIED, APPLICABLE TO THE PRODUCT, INCLUDING WITHOUT LIMITATION, ANY DAMAGES RESULTING FROM PROPERTY DAMAGE, PERSONAL INJURY OR BUSINESS INTERRUPTION, EVEN IF NOTIFIED OF THE POSSIBILITY OF SUICH DAMAGES.

Inductive proximity sensors warranty form may be obtained online at:

http://www.automationdirect.com/static/specs/proxwarranty.pdf

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