



Alternate Cabling Options

This sheet contains corrections or changes made after the publication of this manual.

Date: Oct. 21, 2020

Product Family: Contrinex YBES Safety Light Curtains

Manual / Revision: Contrinex YBES Installation Manual 06/2020 Rev. C

Additional Wiring Information

This Errata Sheet contains additional information for the M12 8-pole wiring instructions shown on:
Page 46 of the YBES Installation Manual

AutomationDirect Products Affected by the Errata Sheet				
YBES-14K4-0170-P012	YBES-14K4-0810-P012	YBES-30K4-0170-P012	YBES-30K4-0810-P012	YBES-30K4-1450-P012
YBES-14K4-0330-P012	YBES-14K4-0970-P012	YBES-30K4-0330-P012	YBES-30K4-0970-P012	YBES-30K4-1610-P012
YBES-14K4-0490-P012	YBES-14K4-1130-P012	YBES-30K4-0490-P012	YBES-30K4-1130-P012	
YBES-14K4-0650-P012	YBES-14K4-1290-P012	YBES-30K4-0650-P012	YBES-30K4-1290-P012	

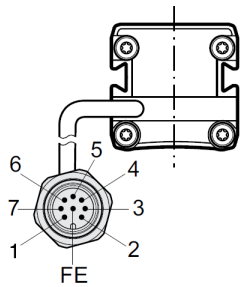
These manuals for the Contrinex Light Curtains show wire color codes for Contrinex brand cables.

AutomationDirect sells M12 8-pole cables with two different color patterns (7000-170x1-292xxxx and 7000-170x1-295xxxx). We recommend the “292” series on our website, which matches the Contrinex cables color code. However, to help avoid confusion, please refer to the table below comparing the color codes.

(The wire color codes are the same for Contrinex and AutomatonDirect recommended M12 4-pole Sender cables, so the color codes shown in these manuals are correct.)

Receiver

M12 8-pole connector



M12 pigtail, 0.3 m, 8 pins

We recommend the “292” series AutomationDirect M12 cables because the wire color codes match the Datalogic cables color codes.

The “295” series AutomationDirect cables can also be used but make sure to follow the color codes shown here.



Assignment	Function	Pins on Sender	Contrinex Cable Color Code	Recommended Cable Color Code	Additional Cable Color Code
		M12	Cable	7000-170x1-292xxxx	7000-170x1-295xxxx
Supply Voltage	24VDC	2	Brown	Brown	White
Supply Voltage	0V	7	Blue	Blue	Violet
Test Mode	24V: Test Inactive; 0V: Test Active	–	–	–	–
Output	OSSD1 (Output Single Switching Device)	5	Grey	Grey	Gray
Output	OSSD2 (Output Single Switching Device)	6	Pink	Pink	Pink
Earth Ground	Shield (Ground)	FE	Red	Red	Orange
EDM	EDM Input	4	Yellow	Yellow	Black
Restart Interlock	Input For Researt Button	1	White	White	Brown
Not Used	–	3	Green	Green	Blue