



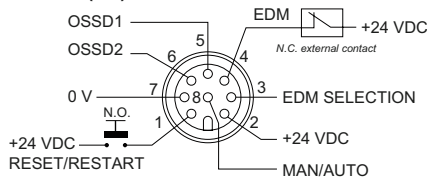
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-30-42

Connection

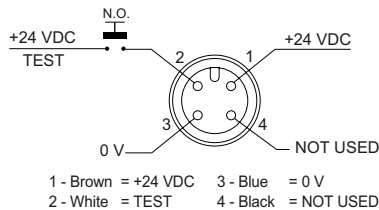
Receiver (RX):



- 1 - White = RESET/RESTART (*)
- 2 - Brown = +24 VDC
- 3 - Green = EDM SELECTION (1)
- 4 - Yellow = EDM
- 5 - Grey = OSSD1
- 6 - Pink = OSSD2
- 7 - Blue = 0 V
- 8 - Red = MAN/AUTO RESTART (2)

(*) Automatic RESTART → RESET Function
Manual RESTART → RESET / RESTART function
(1) To disable the EDM function, connect the EDM selection wire to +24 VDC
(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC
- 2 - White = TEST
- 3 - Blue = 0 V
- 4 - Black = NOT USED



Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Hand Protection
Resolution	30 mm
Protected Height	1050 mm
Total Housing Height	1133.2 mm
Operating Distance	0.2 m - 19 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	19 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions

