



<b>Resolution (mm)</b>	<b>Start/Restart</b>
30, 40, 50, 90	Manual or Automatic
<b>Access control</b>	<b>Safety outputs</b>
2, 3, 4 beams	2



Selectable manual/automatic Start/Restart.

Integrated input, with selectable enabling, for external relays monitoring (EDM).

Connections and setting adjustments through M12 5-pole and 8-pole connectors. Unshielded cables up to 100 meters long can be used to connect the light curtain.

Protected heights: 160 mm ... 2260 mm.

### TECHNICAL FEATURES

Max. range (m)	Selectable 4 or 12
Response time (ms)	2,5 ... 18,5
Safety outputs	2 PNP - 400 mA at 24 VDC with short-circuit, overload, polarity reversal protection
Status display	LEDs for light curtain's status and diagnostic
Power supply (VDC)	24 ± 20%
Fastening	Via back slot with provided standard brackets or to the top and lower end with optional rotating brackets. See Accessories

### CABLES NEEDED

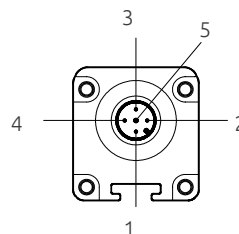
- Emitter: M12 5-pole.  
See [page 44](#) (CDx CDxSB, CD 9x, CDM 9, CDM99)
- Receiver: M12 8-pole.  
See [page 47](#) (C8D x, C8S X SB, C8D 9x, C8DM 9, C8DM 11)

### ACCESSORIES

- Safety relay. See [AD SR0 - AD SR0A](#) on [page 43](#)
- Support columns. See [page 49](#)
- Deflecting mirrors. See [page 53](#)
- Laser alignment device. See [page 56](#)
- Vibration dampers. See [page 58](#)
- Brackets. See [page 54](#)

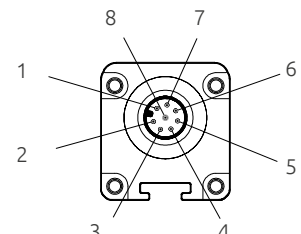
### CONNECTORS

Emitter:  
M12 5-pole



- 1 - 24 VDC
- 2 - RANGE 0
- 3 - 0 VDC
- 4 - RANGE 1
- 5 - PE

Receiver:  
M12 8-pole



- 1 - OSSD 1
- 2 - 24 VDC
- 3 - OSSD 2
- 4 - K1 K2 / RESTART
- 5 - SEL A
- 6 - SEL B
- 7 - 0 VDC
- 8 - PE



### PART NUMBERS

#### Hand resolution Model X - Max. range: 12 m



Resolution  
30 mm

	EOS2 153 X	EOS2 253 X	EOS2 303 X	EOS2 453 X	EOS2 603 X	EOS2 753 X	EOS2 903 X	EOS2 1053 X	EOS2 1203 X	EOS2 1353 X	EOS2 1503 X	EOS2 1653 X	EOS2 1803 X	EOS2 1953 X	EOS2 2103 X	EOS2 2253 X
Ordering codes	1320210	1321200	1320211	1320212	1320213	1320214	1320215	1320216	1320217	1320218	1320219	1320272	1320273	1320733	1320734	1320735
Protected height (mm)	160	260	310	460	610	760	910	1060	1210	1360	1510	1660	1810	1960	2110	2260
Nr. of beams	8	13	16	23	31	38	46	53	61	68	76	83	91	98	106	113
Overall height (mm)	213	313	363	513	663	813	963	1113	1263	1413	1563	1713	1863	2013	2163	2313



Resolution  
40 mm

	EOS2 154 X	EOS2 254 X	EOS2 304 X	EOS2 454 X	EOS2 604 X	EOS2 754 X	EOS2 904 X	EOS2 1054 X	EOS2 1204 X	EOS2 1354 X	EOS2 1504 X	EOS2 1654 X	EOS2 1804 X	EOS2 1954 X	EOS2 2104 X	EOS2 2254 X
Ordering codes	1320310	1321209	1320311	1320312	1320313	1320314	1320315	1320316	1320317	1320318	1320319	1320372	1320373	1320751	1320752	1320753
Protected height (mm)	160	260	310	460	610	760	910	1060	1210	1360	1510	1660	1810	1960	2110	2260
Nr. of beams	6	8	11	16	21	26	31	36	41	46	51	56	61	66	71	76
Overall height (mm)	213	313	363	513	663	813	963	1113	1263	1413	1563	1713	1863	2013	2163	2313

#### Body resolution Model X - Max. range: 12 m



Resolution  
50 mm

	EOS2 155 X	-	EOS2 305 X	EOS2 455 X	EOS2 605 X	EOS2 755 X	EOS2 905 X	EOS2 1055 X	EOS2 1205 X	EOS2 1355 X	EOS2 1505 X	EOS2 1655 X	EOS2 1805 X	EOS2 1955 X	EOS2 2105 X	EOS2 2255 X
Ordering codes	1320410		1320411	1320412	1320413	1320414	1320415	1320416	1320417	1320418	1320419	1320472	1320473	1320772	1320773	1320774
Protected height (mm)	160		310	460	610	760	910	1060	1210	1360	1510	1660	1810	1960	2110	2260
Nr. of beams	4		8	12	16	20	24	28	32	36	40	44	48	52	56	60
Overall height (mm)	213		363	513	663	813	963	1113	1263	1413	1563	1713	1863	2013	2163	2313



Resolution  
90 mm

	-	-	EOS2 309 X	EOS2 459 X	EOS2 609 X	EOS2 759 X	EOS2 909 X	EOS2 1059 X	EOS2 1209 X	EOS2 1359 X	EOS2 1509 X	EOS2 1659 X	EOS2 1809 X	EOS2 1959 X	EOS2 2109 X	EOS2 2259 X
Ordering codes			1320511	1320512	1320513	1320514	1320515	1320516	1320517	1320518	1320519	1320572	1320573	1320793	1320707	1320794
Protected height (mm)			310	460	610	760	910	1060	1210	1360	1510	1660	1810	1960	2110	2260
Nr. of beams			4	6	8	10	12	14	16	18	20	22	24	26	28	30
Overall height (mm)			363	513	663	813	963	1113	1263	1413	1563	1713	1863	2013	2163	2313

#### Access control Model X - Max. range: 12 m



2, 3, 4 beams

	EOS2 2B X	EOS2 3B X	EOS2 4B X
Ordering codes	1320610	1320611	1320612
Nr. of beams	2	3	4
Beam spacing (mm)	500	400	300
Protected height (mm)	510	810	910
Overall height (mm)	653	953	1053