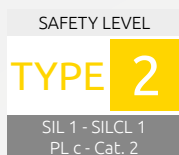




Resolution (mm)	Start/Restart
30, 40, 50, 90	Automatic
Access control	Safety outputs
2, 3, 4 beams	2



All connections and configurations through M12 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

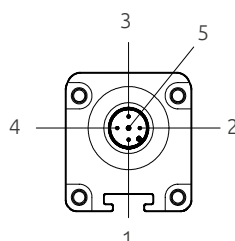
- Emitter: M12 5-pole. See [page 40](#) (CDX, CDx SB, CD 9X, CDM 9)
- Receiver: M12 5-pole. See [page 40](#) (CDX, CDx SB, CD 9X, CDM 9)

ACCESSORIES

- Start/Restart interlock and EDM interface. See [AD SR1 on page 37](#)
- Support columns. See [page 45](#)
- Deflecting mirrors. See [page 49](#)
- Laser alignment device. See [LAD 4 on page 52](#)
- Vibration dumpers. See [page 54](#)
- Brackets. See [page 50](#)

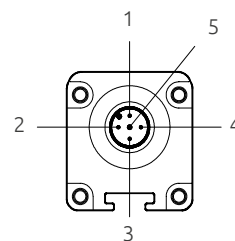
CONNECTORS

Emitter:
M12 5-pole



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

Receiver:
M12 5-pole



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



PART NUMBERS

Hand resolution Model A - Max. range: 12 m



Resolution 30 mm	EOS2 153 A	EOS2 253 A	EOS2 303 A	EOS2 453 A	EOS2 603 A	EOS2 753 A	EOS2 903 A	EOS2 1053 A	EOS2 1203 A	EOS2 1353 A	EOS2 1503 A	EOS2 1653 A	EOS2 1803 A	EOS2 1953 A	EOS2 2103 A	EOS2 2253 A
Ordering codes	1320200	1321205	1320201	1320202	1320203	1320204	1320205	1320206	1320207	1320208	1320209	1320270	1320271	1320719	1320720	1320721
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 A	EOS2 254 A	EOS2 304 A	EOS2 454 A	EOS2 604 A	EOS2 754 A	EOS2 904 A	EOS2 1054 A	EOS2 1204 A	EOS2 1354 A	EOS2 1504 A	EOS2 1654 A	EOS2 1804 A	EOS2 1954 A	EOS2 2104 A	EOS2 2254 A
Ordering codes	1320300	1321202	1320301	1320302	1320303	1320304	1320305	1320306	1320307	1320308	1320309	1320370	1320371	1320723	1320724	1320725
Protected height (mm)	160	260	310	460	610	760	910	1060	1210	1360	1510	1660	1810	1960	2110	2260
Nr. of beams	6	9	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 A - Max. range: 12 m



Resolution 50 mm	EOS2 155 A	-	EOS2 305 A	EOS2 455 A	EOS2 605 A	EOS2 755 A	EOS2 905 A	EOS2 1055 A	EOS2 1205 A	EOS2 1355 A	EOS2 1505 A	EOS2 1655 A	EOS2 1805 A	EOS2 1955 A	EOS2 2105 A	EOS2 2255 A
Ordering codes	1320400		1320401	1320402	1320403	1320404	1320405	1320406	1320407	1320408	1320409	1320470	1320471	1320769	1320770	1320771
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 A	EOS2 459 A	EOS2 609 A	EOS2 759 A	EOS2 909 A	EOS2 1059 A	EOS2 1209 A	EOS2 1359 A	EOS2 1509 A	EOS2 1659 A	EOS2 1809 A	EOS2 1959 A	EOS2 2109 A	EOS2 2259 A
Ordering codes			1320501	1320502	1320503	1320504	1320505	1320506	1320507	1320508	1320509	1320570	1320571	1320790	1320791	1320792
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 A - Max. range: 12 m



2, 3, 4 beams	EOS2 2B A	EOS2 3B A	EOS2 4B A
Ordering codes	1320600	1320601	1320602
Nr. of beams	2	3	4
Beam spacing (mm)	500	400	300
Protected height (mm)	510	810	910
Overall height (mm)	653	953	1053