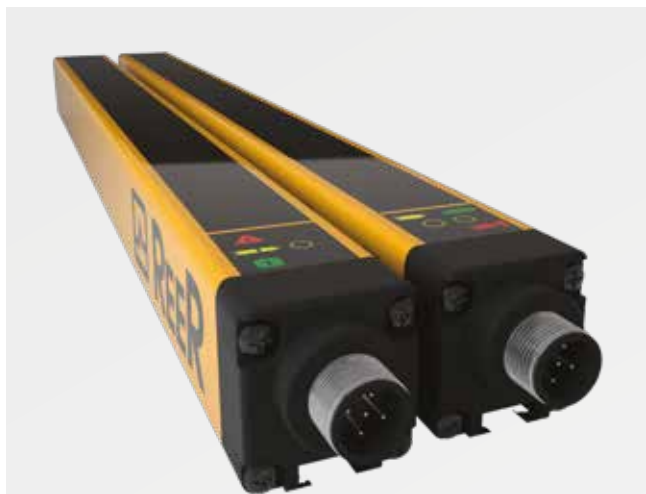


# EOS4 A - AH

WITH AUTOMATIC START/RESTART



<b>Resolution (mm)</b>	<b>Start/Restart</b>
14, 20, 30, 40, 50, 90	Automatic
<b>Access control</b>	<b>Safety outputs</b>
2, 3, 4 beams	2



Connections and configurations through M12 5-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 3 or 6 for 14 mm resolution models Selectable 4 or 12 for all other models Selectable 10 or 20 for H models
Response time (ms)	2,5 ... 20
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

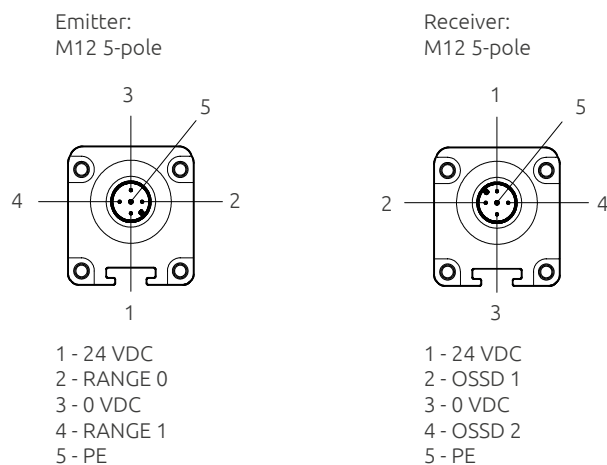
## CABLES NEEDED

- Emitter: M12 5-pole.  
See [page 44](#) (CDX, CDx SB, CD 9X, CDM 9)
- Receiver: M12 5-pole.  
See [page 44](#) (CDX, CDx SB, CD 9X, CDM 9)

## ACCESSORIES

- Start/Restart interlock and EDM.  
See [AD SR1 on page 41](#)
- Muting interface. See [AD SRM on page 42](#)
- Support columns. See [page 49](#)
- Deflecting mirrors. See [page 53](#)
- Laser alignment device. See [LAD 4 on page 56](#)
- Vibration dampers. See [page 58](#)
- Brackets. See [page 54](#)

## CONNECTORS



### PART NUMBERS

Finger resolution A Models - Max. range: selectable 3 or 6 m



Resolution 14 mm	EOS4 151 A	EOS4 301 A	EOS4 451 A	EOS4 601 A	EOS4 751 A	EOS4 901 A	EOS4 1051 A	EOS4 1201 A	EOS4 1351 A	EOS4 1501 A	EOS4 1651 A	EOS4 1801 A	EOS4 1951 A
Ordering codes	1310000	1310001	1310002	1310003	1310004	1310005	1310006	1310007	1310008	1310009	1310070	1310071	1310711
Protected height (mm)	160	310	460	610	760	910	1060	1210	1360	1510	1660	1810	1960
Nr. of beams	15	30	45	60	75	90	105	120	135	150	165	180	195
Overall height (mm)	213	363	513	663	813	963	1113	1263	1413	1563	1713	1863	2013

Hand resolution A Models - Max. range: selectable 4 or 12 m  
AH Models - Max. range: selectable 10 or 20 m



Resolution 20 mm	EOS4 152 AH	EOS4 302 AH	EOS4 452 AH	EOS4 602 AH	EOS4 752 AH	EOS4 902 AH	EOS4 1052 AH	EOS4 1202 AH	EOS4 1352 AH	EOS4 1502 AH	EOS4 1652 AH	EOS4 1802 AH	EOS4 1952 AH
Ordering codes	1310150	1310151	1310152	1310153	1310154	1310155	1310156	1310157	1310158	1310159	1310180	1310181	1310715
Protected height (mm)	160	310	460	610	760	910	1060	1210	1360	1510	1660	1810	1960
Nr. of beams	15	30	45	60	75	90	105	120	135	150	165	180	195
Overall height (mm)	213	363	513	663	813	963	1113	1263	1413	1563	1713	1863	2013



Resolution 30 mm	EOS4 153 A	EOS4 253 A	EOS4 303 A	EOS4 453 A	EOS4 603 A	EOS4 753 A	EOS4 903 A	EOS4 1053 A	EOS4 1203 A	EOS4 1353 A	EOS4 1503 A	EOS4 1653 A	EOS4 1803 A	EOS4 1953 A	EOS4 2103 A	EOS4 2253 A
Ordering codes	1310200	1311205	1310201	1310202	1310203	1310204	1310205	1310206	1310207	1310208	1310209	1310270	1310271	1310719	1310720	1310721
Resolution 30 mm	EOS4 153 AH	-	EOS4 303 AH	EOS4 453 AH	EOS4 603 AH	EOS4 753 AH	EOS4 903 AH	EOS4 1053 AH	EOS4 1203 AH	EOS4 1353 AH	EOS4 1503 AH	EOS4 1653 AH	EOS4 1803 AH	EOS4 1953 AH	EOS4 2103 AH	EOS4 2253 AH
Ordering codes	1310250	-	1310251	1310252	1310253	1310254	1310255	1310256	1310257	1310258	1310259	1310280	1310281	1310736	1310737	1310738
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	EOS4 154 A	EOS4 254 A	EOS4 304 A	EOS4 454 A	EOS4 604 A	EOS4 754 A	EOS4 904 A	EOS4 1054 A	EOS4 1204 A	EOS4 1354 A	EOS4 1504 A	EOS4 1654 A	EOS4 1804 A	EOS4 1954 A	EOS4 2104 A	EOS4 2254 A
Ordering codes	1310300	1311202	1310301	1310302	1310303	1310304	1310305	1310306	1310307	1310308	1310309	1310370	1310371	1310723	1310724	1310725
Resolution 40 mm	EOS4 154 AH	-	EOS4 304 AH	EOS4 454 AH	EOS4 604 AH	EOS4 754 AH	EOS4 904 AH	EOS4 1054 AH	EOS4 1204 AH	EOS4 1354 AH	EOS4 1504 AH	EOS4 1654 AH	EOS4 1804 AH	EOS4 1954 AH	EOS4 2104 AH	EOS4 2254 AH
Ordering codes	1310350	-	1310351	1310352	1310353	1310354	1310355	1310356	1310357	1310358	1310359	1310380	1310381	1310754	1310755	1310756
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

# EOS4 A - AH


## WITH AUTOMATIC START/RESTART

Body resolution      A Models - Max. range: selectable 4 or 12 m  
 AH Models - Max. range: selectable 10 or 20 m

 Resolution 50 mm	EOS4 155 A	EOS4 305 A	EOS4 455 A	EOS4 605 A	EOS4 755 A	EOS4 905 A	EOS4 1055 A	EOS4 1205 A	EOS4 1355 A	EOS4 1505 A	EOS4 1655 A	EOS4 1805 A	EOS4 1955 A	EOS4 2105 A	EOS4 2255 A
Ordering codes	1310400	1310401	1310402	1310403	1310404	1310405	1310406	1310407	1310408	1310409	1310470	1310471	1310769	1310770	1310771
Resolution 50 mm	EOS4 155 AH	EOS4 305 AH	EOS4 455 AH	EOS4 605 AH	EOS4 755 AH	EOS4 905 AH	EOS4 1055 AH	EOS4 1205 AH	EOS4 1355 AH	EOS4 1505 AH	EOS4 1655 AH	EOS4 1805 AH	EOS4 1955 AH	EOS4 2105 AH	EOS4 2255 AH
Ordering codes	1310450	1310451	1310452	1310453	1310454	1310455	1310456	1310457	1310458	1310459	1310480	1310481	1310775	1310776	1310777
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	-	EOS4 309 A	EOS4 459 A	EOS4 609 A	EOS4 759 A	EOS4 909 A	EOS4 1059 A	EOS4 1209 A	EOS4 1359 A	EOS4 1509 A	EOS4 1659 A	EOS4 1809 A	EOS4 1959 A	EOS4 2109 A	EOS4 2259 A
Ordering codes		1310501	1310502	1310503	1310504	1310505	1310506	1310507	1310508	1310509	1310570	1310571	1310790	1310791	1310792
Resolution 90 mm	-	EOS4 309 AH	EOS4 459 AH	EOS4 609 AH	EOS4 759 AH	EOS4 909 AH	EOS4 1059 AH	EOS4 1209 AH	EOS4 1359 AH	EOS4 1509 AH	EOS4 1659 AH	EOS4 1809 AH	EOS4 1959 AH	EOS4 2109 AH	EOS4 2259 AH
Ordering codes		1310551	1310552	1310553	1310554	1310555	1310556	1310557	1310558	1310559	1310580	1310581	1310795	1310796	1310797
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      A Models - Max. range: selectable 4 or 12 m  
 AH Models - Max. range: selectable 10 or 20 m

 2, 3, 4 beams	EOS4 2B A	EOS4 3B A	EOS4 4B A
Ordering codes	1310600	1310601	1310602
2, 3, 4 beams	EOS4 2B AH	EOS4 3B AH	EOS4 4B AH
Ordering codes	1310650	1310651	1310652
Nr. of beams	2	3	4
Beam spacing (mm)	500	400	300
Protected height (mm)	510	810	910
Overall height (mm)	653	953	1053