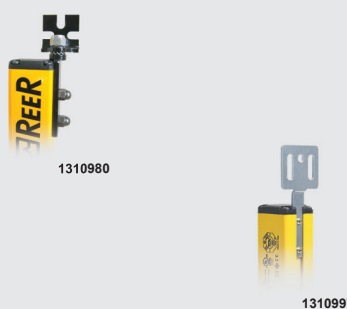
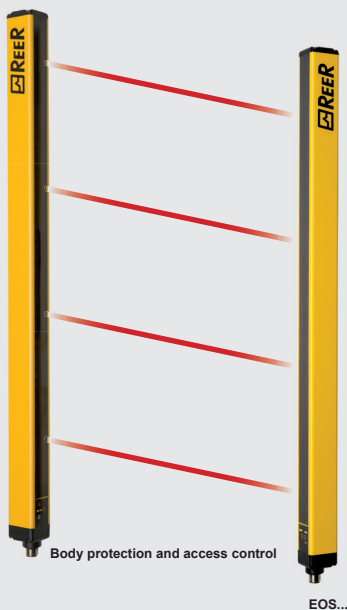


SAFETY LEVEL	SAFETY LEVEL
TYPE 4	TYPE 2
SIL 3 - SILCL 3 PL e - Cat. 4	SIL 1 - SILCL 1 PL c - Cat. 2



EOS series - Safety light curtains

With its compact, robust housing EOS series is ideal for the protection of any machine tool, in particular where space restrictions exist. Its zero-dead-zone on one side, allows EOS to keep its original resolution when installed on a plane and up to 40 mm when installed at 90° against another EOS unit. The hardware configuration feature does not require any programming allowing easy installation and replacement.

- Power supply: 24 VDC ± 20%
- Dimensions: (W) 28 x (D) 30 mm
- Restart: Selectable manual/automatic Start/Restart
- Status display: LEDs for light curtain's status and diagnostic
- Integrated function: Integrated External Device Monitoring (EDM) function
- Mounting: Via back slot with provided standard mounting brackets
- Connection: Emitter: M12 5-pin - Receiver: M12 8-pin (see pages K-27 / 28)
- OSSD safety outputs: 2 PNP - 400 mA at 24 VDC with short-circuit, overload, polarity reversal protection



Scan to watch video

type	resolution	protected height	No. beams	description	overall height	connection type
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For finger and hand protection - Safety light curtains (IP65/67)

EOS2 X - Safety light curtain with built-in control functions - Type 2

- Detection: Hand protection (30 mm resolution) • Maximum range: Selectable 4/12 meter
- Safety Level: Type 2, SIL 1/SILCL 1, PL c, Cat. 2

1321200	30 mm	260 mm	13	safety light curtain	313 mm	M12 plug
1320211	30 mm	310 mm	16	safety light curtain	363 mm	M12 plug
1320212	30 mm	460 mm	23	safety light curtain	513 mm	M12 plug
1320213	30 mm	610 mm	31	safety light curtain	663 mm	M12 plug
1320214	30 mm	760 mm	38	safety light curtain	813 mm	M12 plug
1320215	30 mm	910 mm	46	safety light curtain	963 mm	M12 plug
1320216	30 mm	1060 mm	53	safety light curtain	1113 mm	M12 plug

EOS4 X - Safety light curtain with built-in control functions - Type 4

- Detection: Finger protection (14 mm resolution) • Maximum range: Selectable 3/6 meter
- Safety Level: Type 4, SIL 3/SILCL 3, PL e, Cat. 4

1310010	14 mm	160 mm	15	safety light curtain	213 mm	M12 plug
1310011	14 mm	310 mm	30	safety light curtain	363 mm	M12 plug
1310012	14 mm	460 mm	45	safety light curtain	513 mm	M12 plug
1310013	14 mm	610 mm	60	safety light curtain	663 mm	M12 plug
1310014	14 mm	760 mm	75	safety light curtain	813 mm	M12 plug
1310015	14 mm	910 mm	90	safety light curtain	963 mm	M12 plug

- Detection: Hand protection (30 mm resolution) • Maximum range: Selectable 4/12 meter
- Safety Level: Type 4, SIL 3/SILCL 3, PL e, Cat. 4

1310211	30 mm	310 mm	16	safety light curtain	363 mm	M12 plug
1310212	30 mm	460 mm	23	safety light curtain	513 mm	M12 plug
1310213	30 mm	610 mm	31	safety light curtain	663 mm	M12 plug
1310214	30 mm	760 mm	38	safety light curtain	813 mm	M12 plug
1310215	30 mm	910 mm	46	safety light curtain	963 mm	M12 plug
1310216	30 mm	1060 mm	53	safety light curtain	1113 mm	M12 plug
1310217	30 mm	1210 mm	61	safety light curtain	1263 mm	M12 plug

Note: Heights (up to 2.2 meters) and extended range up to 20 meters available on request.

For Body protection and access control - Safety light curtains (IP65/67)

- Detection: Body protection / Access control • Maximum range: Selectable 4/12 meter

EOS2 X - Safety light curtain with built-in control functions - Type 2

1320610	-	510	2	safety light curtain	653 mm	M12 plug
1320611	-	810	3	safety light curtain	953 mm	M12 plug
1320612	-	910	4	safety light curtain	1053 mm	M12 plug

EOS4 X - Safety light curtain with built-in control functions - Type 4

1310610	-	510	2	safety light curtain	653 mm	M12 plug
1310611	-	810	3	safety light curtain	953 mm	M12 plug
1310612	-	910	4	safety light curtain	1053 mm	M12 plug

Mounting accessories for safety light curtains (std L-shaped brackets included with light curtains)

1310980	SFB E180	brackets	set of (4) x 180° swivel brackets for	EOS2/4
1310997	FE 4	brackets	set of (4) flat brackets for	EOS2/4
1310973	SAV 8E	dampers	set of (8) vibration dampers for	EOS2/4

Special versions available on request:

- IP69K Models** - Watertight enclosed, ideal for harsh working environments and Food & Beverage industry where frequent wash down procedures are required (ECOLAB rated)
- T Models** - Textile resistant to high vibrations for applications in the Textile industry