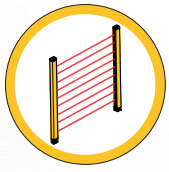


Safety. Detection. Control.



EOS4 XP

High vibration versions

The new generation of safety light curtains

Issue 1

 **REER**

EOS4 XP



Resolution (mm)
14, 30

Start/Restart
Automatic or Manual

Range
Up to 6 m Up to 20 m (*)

Safety output
2

Safety level:

TYPE 4

SIL 3 – SILCL 3
PL e – Cat. 4

(*) Max. range:

- up to 6 m for 14 mm resolution;
- up to 20 m for other models.

28 x 30 mm² cross section only

No dead zone on one side

90° installation with resolution < 40 mm in the corner

-30 ÷ 55 °C operating temperature

Protection degree IP 65 and IP 67.

Feedback input for external relays monitoring (EDM)

All connections and setting adjustments through M12 5-pole and 8-pole connectors. Unshielded cables up to 100 meter long

310 ÷ 1810 mm protected height



EOS4 XP

HIGH VIBRATION VERSIONS

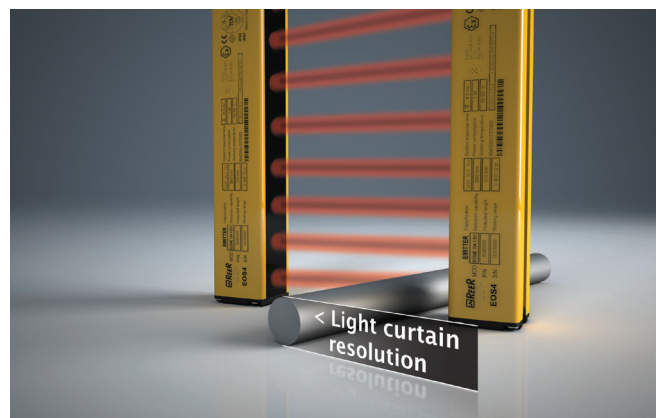
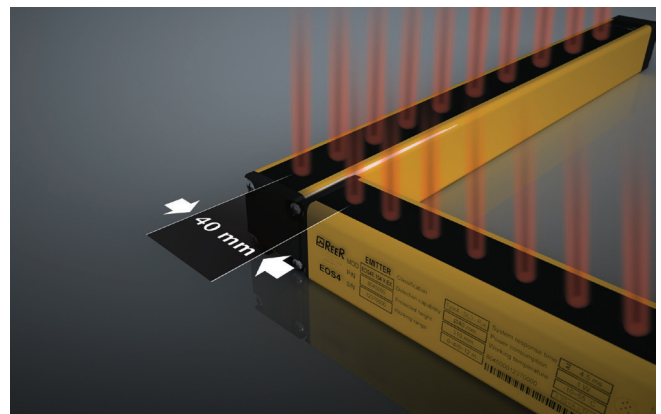


EOS4 special models vibration resistant

- **High vibrations resistance**
exceed the standard EN 60062-2-6:2009 tested at 10 ... 500 Hz instead of 10 ... 55 Hz with 24,8 mm displacement instead of 0,35 mm (10 ... 20 Hz) for each axe
- **Shocks resistance**
exceed the standard EN 60062-2-27:2012 tested at 20 g instead of 10 g with 2000 shocks instead of 1000 for each axe



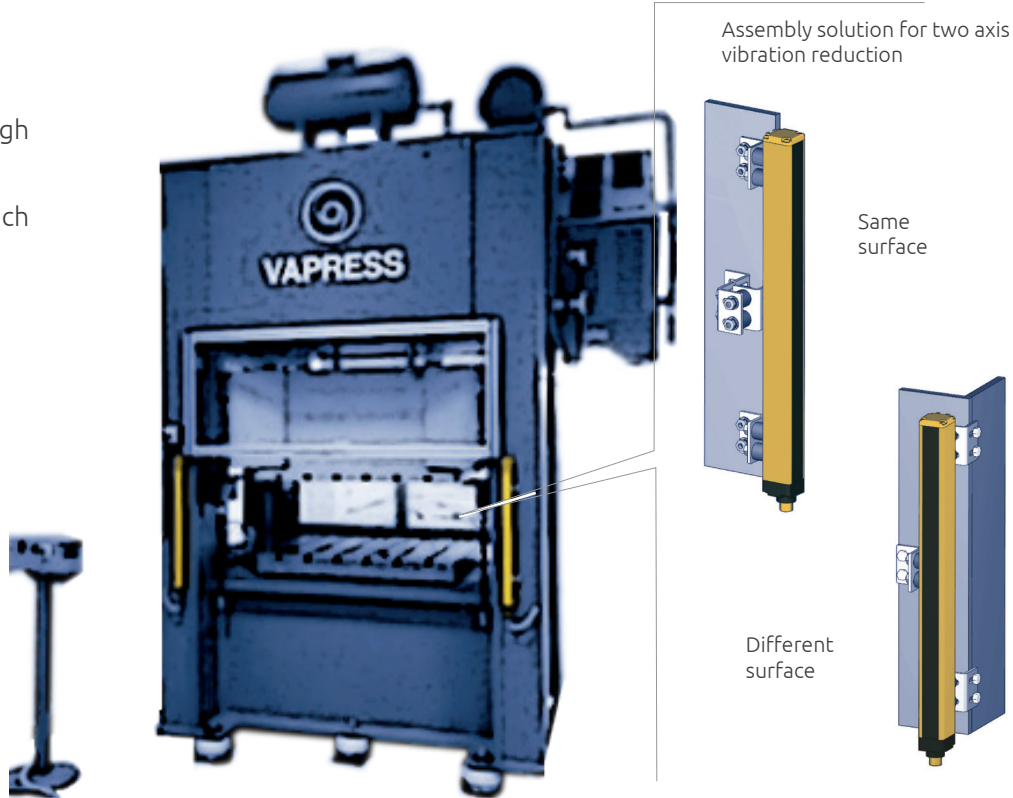
Good ability to keep the alignment also in case of strong vibrations



APPLICATION

Optimal alignment also in high vibrations installation.

Ideal solution for Presses, Punch Press Machines.



MODELS



Resolution 14 mm

	EOS4 301 XP	EOS4 451 XP	EOS4 601 XP	EOS4 751 XP	EOS4 901 XP	EOS4 1051 XP	EOS4 1201 XP	EOS4 1351 XP	EOS4 1501 XP	EOS4 1651 XP	EOS4 1801 XP
Ordering codes	1311252	1311213	1311214	1311215	1311216	1311253	1311217	1311203	1311220	1311204	1311232
Protected height (mm)	310	460	610	760	910	1060	1210	1360	1510	1660	1810
Nr. beams	30	45	60	75	90	105	120	135	150	165	180
Overall height (mm)	363	513	663	813	963	1113	1263	1413	1563	1713	1863



Resolution 30 mm

	EOS4 303 XP	EOS4 453 XP	EOS4 603 XP	EOS4 753 XP	EOS4 903 XP	EOS4 1053 XP	EOS4 1203 XP	EOS4 1353 XP	EOS4 1503 XP	EOS4 1653 XP	EOS4 1803 XP
Ordering codes	1311254	1311255	1311256	1311257	1311258	1311259	1311262	1311263	1311264	1311265	1311266
Protected height (mm)	310	460	610	760	910	1060	1210	1360	1510	1660	1810
Nr. beams	16	23	31	38	46	53	61	68	76	83	91
Overall height (mm)	363	513	663	813	963	1113	1263	1413	1563	1713	1863

ACCESSORIES



The SAV vibration dampers have been designed to avoid mechanical damage to the light curtains installed in those applications which have a high level of vibrations.

SA fastening brackets



FE 4 flat brackets

Safety. Detection. Control.



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More than 50 years of quality and innovation

Founded in Turin (Italy) in 1959, ReeR distinguished itself for its strong commitment to innovation and technology.

A steady growth throughout the years allowed ReeR to become a point of reference in the safety automation industry at a worldwide level.

The Safety Division is in fact today a world leader in the development and manufacturing of safety optoelectronic sensors and controllers.

ReeR is ISO 9001 14001 and RS OHSAS 18001 certified



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