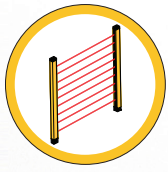


Safety. Detection. Control.



EOS2 XP

High vibration versions

The new generation of safety light curtains

Issue 1

 **REER**

EOS2 XP



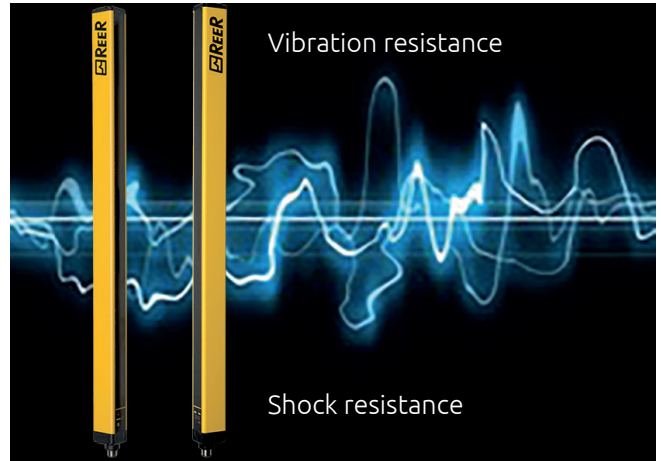
Resolution (mm)	Start/Restart
30	Automatic or Manual
Range	Safety output
Up to 12 m	2

Safety level:
TYPE 2
 SIL 1 – SILCL 1
 PL c – Cat. 2

- 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)
- Two safety PNP static outputs
- 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



EOS2 XP HIGH VIBRATION VERSIONS

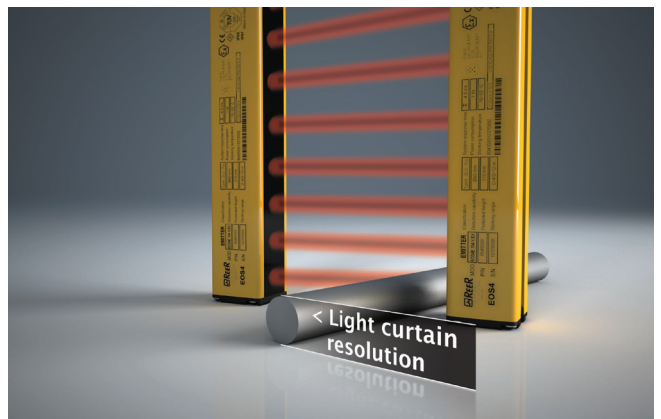
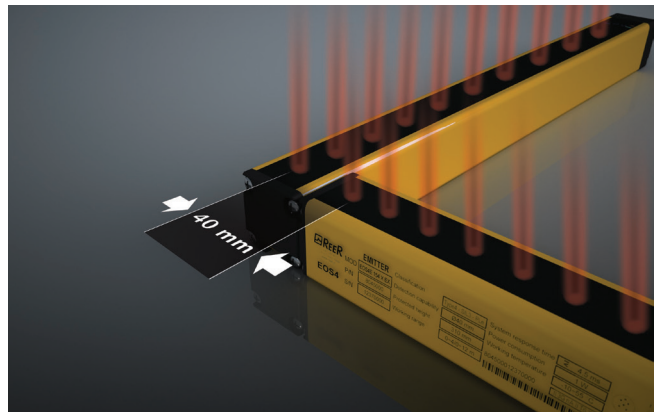


EOS2 XP special models vibration resistant

- **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.



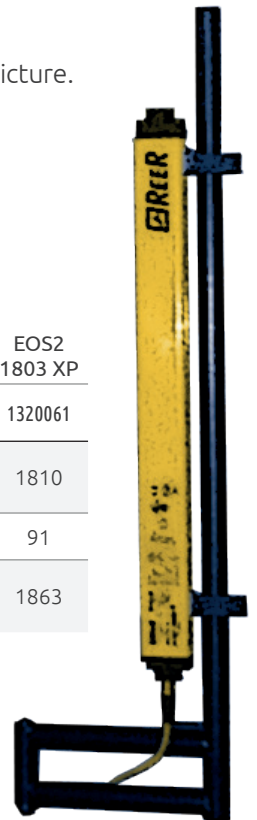
APPLICATION

Optimal alignment also in high vibration installations, for example with the pole supports. See the picture.

MODELS

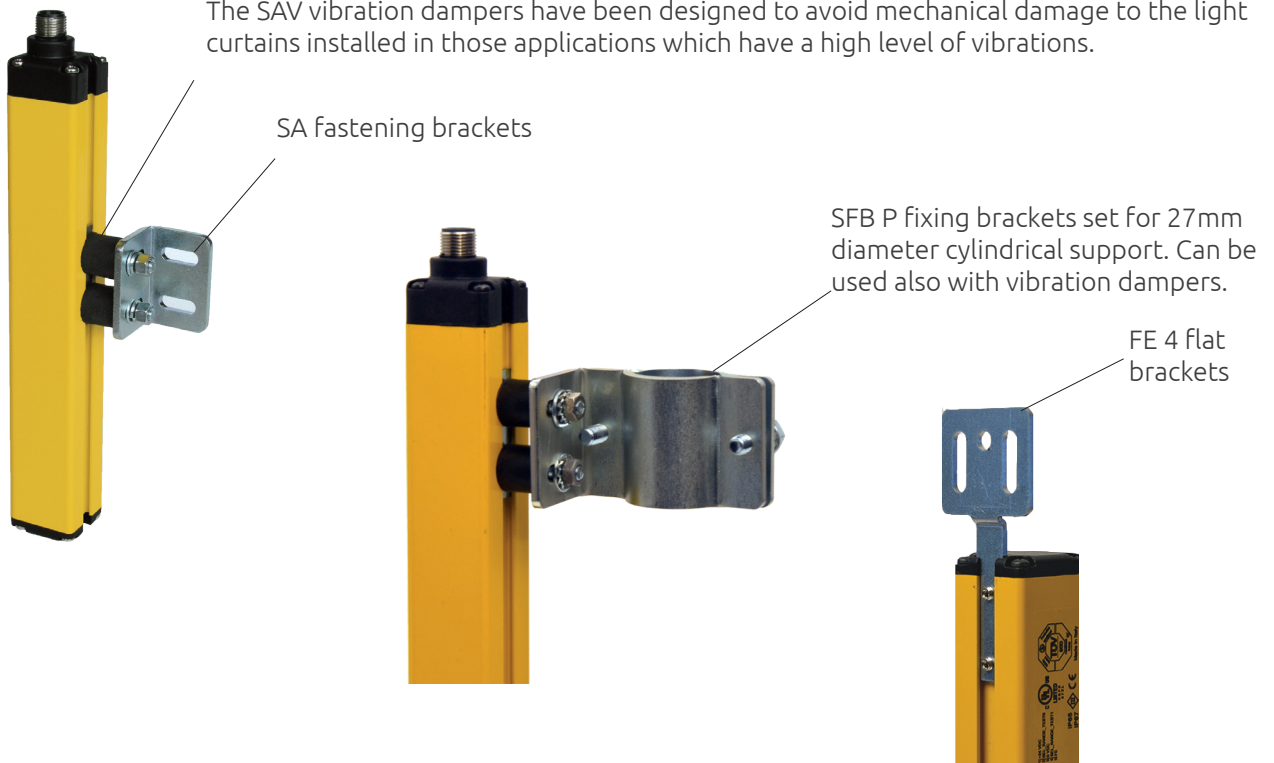


Resolution 30 mm	EOS2 303 XP	EOS2 453 XP	EOS2 603 XP	EOS2 753 XP	EOS2 903 XP	EOS2 1053 XP	EOS2 1203 XP	EOS2 1353 XP	EOS2 1503 XP	EOS2 1653 XP	EOS2 1803 XP
Ordering codes	1320051	1320052	1320053	1320054	1320055	1320056	1320057	1320058	1320059	1320060	1320061
Protected height (mm)	310	460	610	760	910	1060	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.



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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