



Light barriers for industrial applications

Our light barriers offer excellent value for money. Thanks to their compatibility with established designs, they are ideal as inexpensive spare parts for quick replacement in industrial maintenance.

The portfolio includes different variants for a wide range of applications:



Through-beam sensors for long ranges and precise object detection over long distances,

Retro-reflective sensors for reliable detection at medium distances,

Diffuse-reflective sensors with and without background suppression, ideal for complex applications with variable background conditions.



The models are available with infrared, red light, or laser light sources. This allows you to select the optimal solution for your specific application in terms of range, detection accuracy, and ambient light.

This versatile product selection offers maximum flexibility for automation processes – whether for new integration or as a reliable retrofit to existing systems.



	typ	sensing range	emitted light	
Diffuse-reflective sensor	OTH-32-PUK-ST3-4	350 mm	redlight	eickmann-elektronik.de/oth-32-puk-st3-4
Diffuse-reflective sensor	OTHL-32-PUK-ST3-4	300 mmn	laser	eickmann-elektronik.de/othl-32-puk-st3-4
Diffuse-reflective sensor runtime measurement	OTLL-32-PSKI-ST3-4	1000 mm	infrared	eickmann-elektronik.de/otll-32-pski-st3-4
Through-beam sensor	OEV/OSV-32-PUK-ST3-4	10 m	redlight	eickmann-elektronik.de/oev_osv-32-puk-st3-4
Through-beam sensor	OEVL/OSVL-32-PUK-ST3-4	30 m	laser	eickmann-elektronik.de/oevl_osvl-32-puk-st3-4
Retro-reflective sensor	ORV-32-PUK-ST3-4	3 m	redlight	eickmann-elektronik.de/orv-32-puk-st3-4



	typ	sensing range	emitted light	
Diffuse-reflective sensor	OTHK-18-PAK-ST4	150 mm	redlight	eickmann-elektronik.de/othk-18-pak-st4
Through-beam sensor	OEVK/OSVK-18-PUKI-ST4	30 m	infrared	eickmann-elektronik.de/oevk-18-puki-st4
Retro-reflective sensor	ORVK-18-PUK-ST4	4 m	redlight	eickmann-elektronik.de/orvk-18-puk-st4



	typ	sensing range	emitted light	
Diffuse-reflective sensor	OTV-52-PAK-ST4	1000 mm	redlight	eickmann-elektronik.de/otv-52-pak-st4
Through-beam sensor	OEV/OSV-52-PAKI-ST4	40 m	infrared	eickmann-elektronik.de/oev_osv-52-paki-st4
Retro-reflective sensor	ORV-52-PAK-ST4	6 m	redlight	eickmann-elektronik.de/orv-52-pak-st4