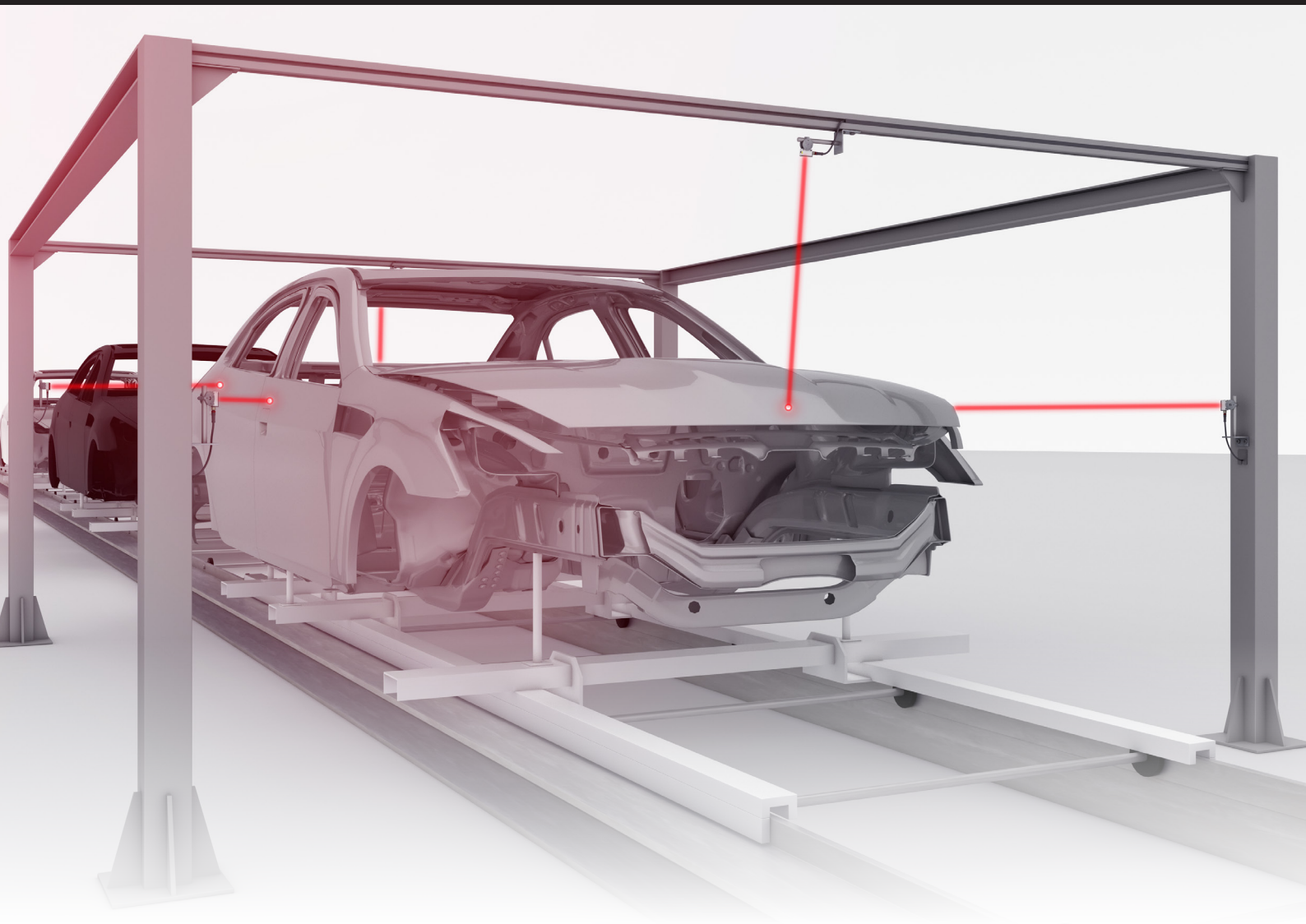


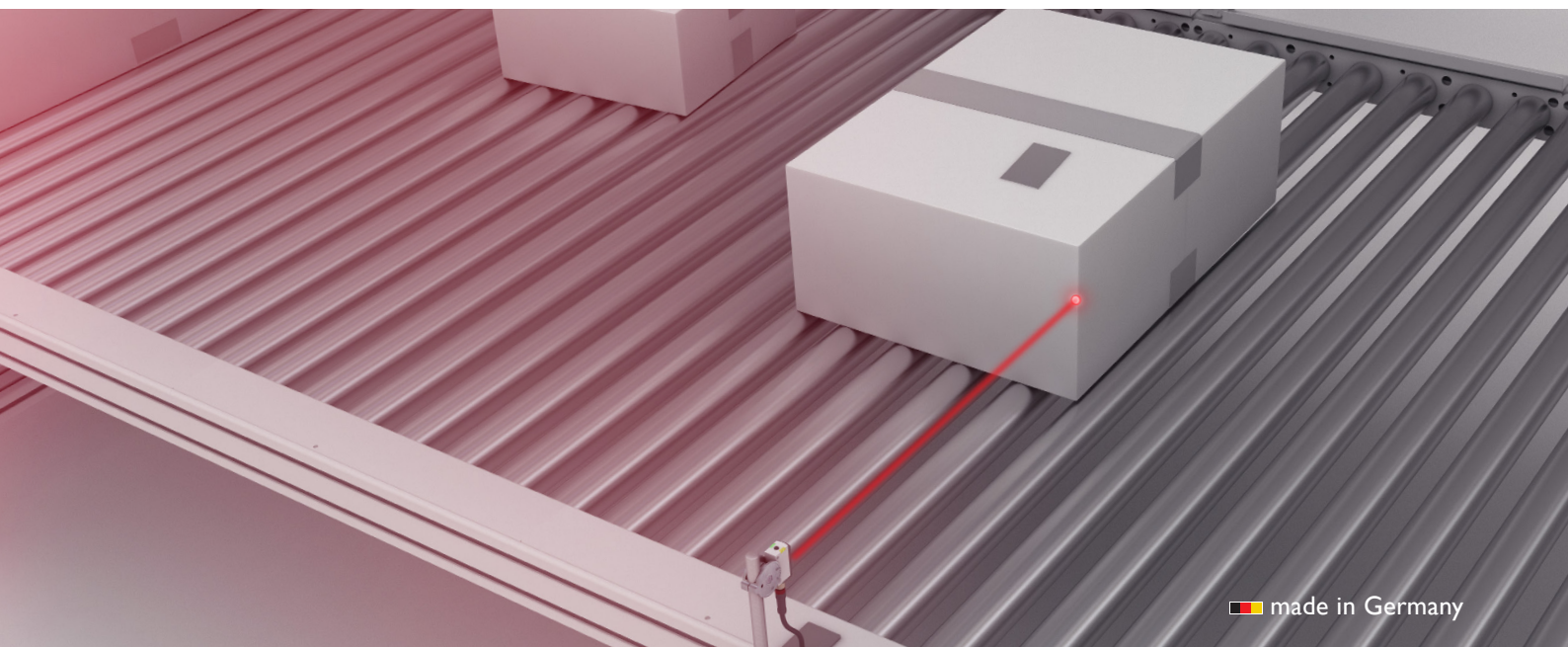
FT 25-RLHP - High range in a compact housing

Time-of-Flight (ToF) sensor in miniature format



FT 25-RLHP - High range in a compact housing

Time-of-Flight (ToF) sensor in miniature format

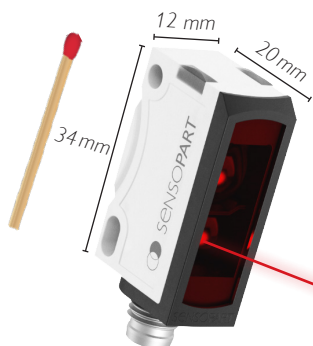


High range and reliable detection in miniature format:

The FT 25-RLHP is a true all-rounder. Thanks to its compact housing, in combination with its long range of 1500 mm and minimal hysteresis, it is used across all industrial sectors.

TYPICAL FT 25-RLHP

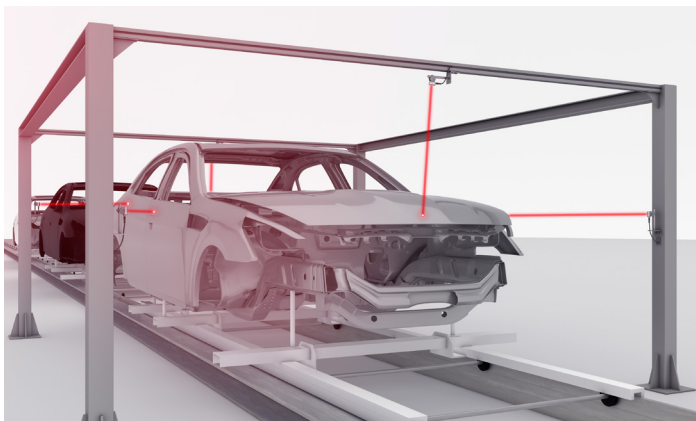
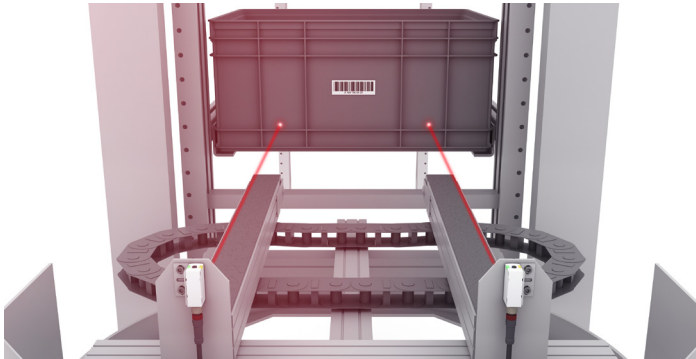
- Excellent detection properties on almost all surfaces such as metal or colored plastic at large distances up to 1500 mm
- Precisely adjustable background suppression
- Switching point, switching window and switching frequency can be set via button, control input or IO-Link
- Easy alignment due to well visible light spot
- Safe operation with laser class 1



In miniature housing

Thanks to its compact dimensions of 34 x 12 x 20 mm, our Time-of-Flight sensor of the F 25 series is hardly larger than a match.





Applications and industries:

- **Warehouse & Logistics**
 - Compartment occupation check in high bay warehouses
 - Presence control and position determination of load carriers, e.g. for autonomous retrieval and storage with the help of mobile robots
 - Detection of objects on conveyor belts
- **Assembly & Handling**
 - Presence detection of components to be assembled, e.g. for material flow control at manual workstations and assembly lines
- **Robotic**
 - Presence detection and position determination of large objects
- **Automotive industry**
 - Position control of various components, such as engine hood, trunk lid and doors, of a car body, which is conveyed on a SKID
- **Other**
 - Monitoring of the track in rail-guided robots or detection of objects or danger points in automated guided vehicles (AGVs)



FT 25-RLHP – Product overview

Sensor	Light type	Features	Adjustable working range	Connection type	Further Informationen
FT 25-RLHP-PNSL-M4M	Laser class 1	Teach-in (button and control line) 1 switching output; IO-Link	100 ... 1500 mm	Metal plug M8, 4-pin	
FT 25-RLHP-PNSL-KL4	Laser class 1	Teach-in (button and control line) 1 switching output; IO-Link	100 ... 1500 mm	Pigtail 150 mm with connector M12, 4-pin	

SensoPart is one of the leading manufacturers of photoelectric sensors and image processing vision sensors for factory automation. We also offer inductive and ultrasonic sensors, thereby covering a wide spectrum of industrial automation tasks. Our products are used in countless applications and sectors today – from automotive construction and mechanical engineering to electronics manufacturing and the solar industry, as well as the food sector and pharmaceutical industry.



SensoPart worldwide

Germany

SensoPart
Industriesensorik GmbH
79288 Gottenheim
Tel. +49 7665 94769-0
info@sensopart.de

France

SensoPart France Sarl
662, rue des Jonchères – Bât. A
F-69730 GENAY
Tel. +33 164 730061
info@sensopart.fr

United Kingdom

SensoPart UK Limited
Pera Business Park, Nottingham Road
Melton Mowbray, Leicestershire
LE13 0PB
Tel. +44 1664 561539
info@sensopart.co.uk

USA

SensoPart Inc.
30600 Telegraph Rd.
Suite 2345,
Bingham Farms, MI, 48025
Tel. +1 866 2827610
usa@sensopart.com

China

SensoPart China
202, No. 35, Lane 1555
West Jinshajiang Road,
Jiading District
201803 Shanghai
Tel. +86 21 69017660
china@sensopart.cn

Find your local supplier at: www.sensopart.com/en/contact/