

Intelligent protection for more productivity



2-signal muting and IO-Link

Safety and automation in one: muting station with height measurement via IO-Link



Dynamic protective field widths

High level of flexibility thanks to dynamic protective field widths during operation



Smart presence detection

Safe productivity and availability: "Smart presence detection" prevents unwanted shutoffs

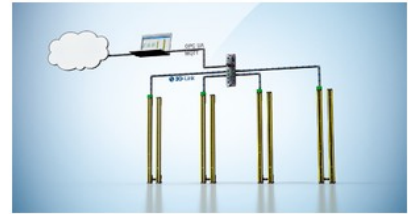
Become a technology leader



The NFC technology supports fast device configuration as well as innovative diagnostics options via smartphone app



Safety and automation united – IO-Link makes a comprehensive, cost-effective system design possible



Thanks to the use of data with Industry 4.0 in view, deTec4 is a future-proof investment

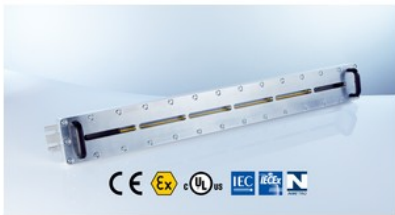
Certification with the highest protection classes



deTec Core Ex II 3GD

The safety light curtains in the deTec product family are designed and approved for use in hazardous areas according to:

- ATEX for gas: II 3G Ex nA op is IIB T4 Gc X
- ATEX for dust: II 3D Ex tc IIIB T135°C Dc



deTec Core Ex

The explosion-proof housing for safety light curtains is designed and approved for use in hazardous areas according to:

- ATEX for gas: II 2 G Ex d IIB T6 Gb
- ATEX for dust: II 2 D Ex tb IIIIC T56°C Db
- NFPA 70/NEC 500 Class I, Div. 1, Groups C and D
- NFPA 70/NEC 500 Class II, Div. 1, Groups E, F and G
- NFPA 70/NEC 500 Class III, Div. 1



See how rugged the deTec4 Core Ex is in use.

TECHNICAL OVERVIEW

Technical data overview

Scanning range:	2.5 m ... 30 m
Protective field height:	300 mm ... 2,100 mm
Resolution:	14 mm / 30 mm
Type:	Type 2 (IEC 61496-1) Type 4 (IEC 61496-1)
Safety integrity level:	SIL1 (IEC 61508) SILCL1 (IEC 62061) SIL3 (IEC 61508) SILCL3 (IEC 62061)
Enclosure rating:	IP65 (IEC 60529) IP67 (IEC 60529) IP66 (IEC 60529) IP69K (ISO 20653)
Ambient operating temperature:	-30 °C ... +55 °C