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## NOTES

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## DESIGNATION CODE

Example: **K OES 2000- M 8 M B 48- D M A- V1- IR**

1
2
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9
10
11
12

### 1 = Working principle

<b>O</b>	Photoelectronic
<b>OES</b>	One-way light barrier
<b>OLL</b>	Fibre optic device universal*
<b>ORF</b>	Reflex light probe focussed
<b>ORG</b>	Reflex light barrier for transparent objects
<b>ORH</b>	Reflex light probe with background suppression
<b>ORK</b>	Contrast probe
<b>ORP</b>	Polarized reflex light barrier
<b>ORS</b>	Reflex light barrier
<b>ORT</b>	Reflex light probe
<b>OU</b>	Universal
<b>OV</b>	Amplifier

### 2 = Switching distance / range

...	axial
...W	radial

### 3 = Housing

<b>G</b>	Cylindrical, without thread
<b>M</b>	Cylindrical, with metrical thread
<b>Q</b>	Square housing

### 4 = Housing diameter resp. edge lengths of active fields

### 5 = Housing material

<b>A</b>	Aluminium
<b>E</b>	Stainless steel
<b>K</b>	Plastic
<b>M</b>	Brass, nickel-plated

### 6 = Mounting

<b>B</b>	Flush
<b>N</b>	Non flush

### 7 = Dimension in mm

### 8 = Operating voltage

<b>A</b>	AC alternating voltage
<b>D</b>	DC direct voltage
<b>V</b>	AC/DC

\* One-way glas KOLLEG                      One-way plastic KOLLEP  
 Reflex probe glas KOLLTG                  Reflex light probe plastic KOLLTP  
 Reflex light barrier glas KOLLRG  
 Reflex light barrier plastic KOLLRP

### 9 = Type of output signal

<b>blank</b>	Transmitter		
<b>AN</b>	Analogue	<b>ANI</b>	Current output
		<b>ANU</b>	Voltage output
<b>H</b>	semi-conductor relay		
<b>M</b>	PNP + NPN		
<b>N</b>	NPN		
<b>P</b>	PNP		
<b>R</b>	Relay		
<b>Z</b>	Two-wire		

### 10 = Output signal

<b>blank</b>	Transmitter
<b>A</b>	Antivalent
<b>D</b>	Data interface
<b>I</b>	Pulse output
<b>Ö</b>	N.C.
<b>S</b>	N.O.
<b>U</b>	Reversible

### 11 = Type of connection

<b>V1</b>	M8 Screw-/Snap-in
<b>V2</b>	M12 Metal
<b>V2/1</b>	M12 Plastic
<b>V3</b>	M5 Metal
<b>V4</b>	Amphenol Tuchel
<b>V6</b>	Brad Harrison
<b>V7</b>	Valve connector type A
<b>V8</b>	only M8 Snap-in
<b>V9</b>	Torson
<b>V10</b>	Valve connector type C
<b>V11</b>	AC-connector 1/2"
<b>V12</b>	M18 plastic
<b>VE</b>	Euchner connector
<b>RS232</b>	Data interface
<b>PG</b>	Thread joint PG
<b>Mxx</b>	Thread joint metrical
<b>NPT</b>	Thread joint 1/2" NPT
<b>W</b>	2m cable, outgoing line on the side
<b>ZW</b>	Connection box 90°

### 12 = Additional signs

<b>BL</b>	Blue light	<b>RT</b>	Red light
<b>GN</b>	Green light	<b>UV</b>	Ultraviolet light
<b>IR</b>	Infrared	<b>W</b>	White light



## INFORMATIONEN ON LIGHT BARRIERS

Light barriers are electronic and optical systems that detect interruptions of a light beam. With this method, it is possible to detect movable objects. Depending on the construction type, you can distinguish between one-way light barriers and reflected-light barriers.

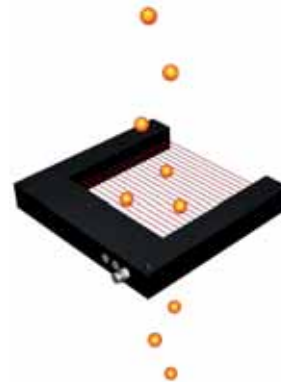
Light barriers consist of light beam sources (sender) and sensors (receiver).

The interruption of the light beam caused by an object is detected by a sensor and converted into an electric switching signal. This signal is used for further processing.

By modulating the light beam, it can be distinguished from ambient light to make it insensitive for extraneous light.

Examples of use:

- Detection of quantities
- Control of presence, completeness and position
- Feed sensing
- Web edge control
- Control of accuracy
- Measuring of products

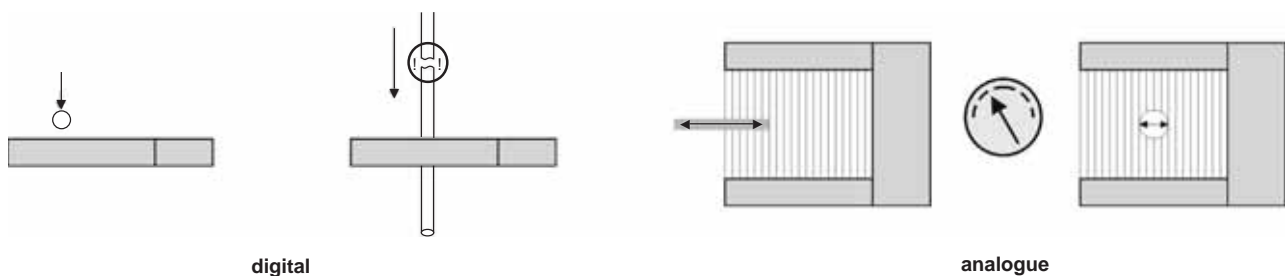


In the most cases, fork, angle and frame light barriers are through-beam photoelectric sensors. Their specialty is that sender and receiver are integrated into the housing. This compact constructing method in stable metal housings saves space, guarantees an exact adjustment of the optical elements and simplifies the assembly as well as the connection.

You can distinguish 3 different sorts of light:

1. Red light:
  - standard devices
  - good resolution
  - visible red light
2. Infrared light:
  - good resolution
  - non-visible infrared light
  - less dust-sensitive through high-energy infrared light
3. Red light laser:
  - high resolution
  - visible laser red light
  - suitable for the detection of smallest parts
  - 10 kHz fastest fork light barrier

**Function principle:**





## Red-light fork light barriers

### General data

Operating voltage	10 ... 30V DC
Switching current	100mA
Operating temperature	-10...+60°C
Protection class	IP67
Sensitivity	over Poti adjustable
Switching output	PNP, N.C./N.O. with Poti switchable
Connection	Connector M8 3-pole
Switching frequency	3kHz
Hysteresis	0,2mm
Repeatability	0,05mm
Thickness	10mm (from KOEG120, 12mm)
Switching state	Red-light
Optic	Class



### Selection chart red-light fork light barriers

Article number	Designation	Output function	Wavelength in nm	Housing	Fork width x-depth in mm	Drawing
08363533010	KOEG10-Q17AB-DPU-V1-RT	PNP	625	Al	10 x 17	3
08363533020	KOEG20-Q17AB-DPU-V1-RT	PNP	625	Al	20 x 17	3
08363533030	KOEG30-Q35ZB-DPU-V1-RT	PNP	625	Zn	30 x 35	1a
08363333040	KOEG40-Q45AB-DPU-V1-RT	PNP	660	Al	40 x 45	1
08363533050	KOEG50-Q55ZB-DPU-V1-RT	PNP	625	Zn	50 x 55	1a
08363333060	KOEG60-Q55AB-DPU-V1-RT	PNP	660	Al	60 x 55	1
08363333070	KOEG70-Q55AB-DPU-V1-RT	PNP	660	Al	70 x 55	1
08363533080	KOEG80-Q55ZB-DPU-V1-RT	PNP	625	Zn	80 x 55	1a
08363333090	KOEG90-Q55AB-DPU-V1-RT	PNP	660	Al	90 x 55	1
08363333100	KOEG100-Q55AB-DPU-V1-RT	PNP	660	Al	100 x 55	1
08363533120	KOEG120-Q60ZB-DPU-V1-RT	PNP	625	Zn	120 x 60	2
08363333180	KOEG180-Q114AB-DPU-V1-RT	PNP	660	Al	180 x 114	2
08363533220	KOEG220-Q60AB-DPU-V1-RT	PNP	625	Al	220 x 60	2

### Circuit diagrams



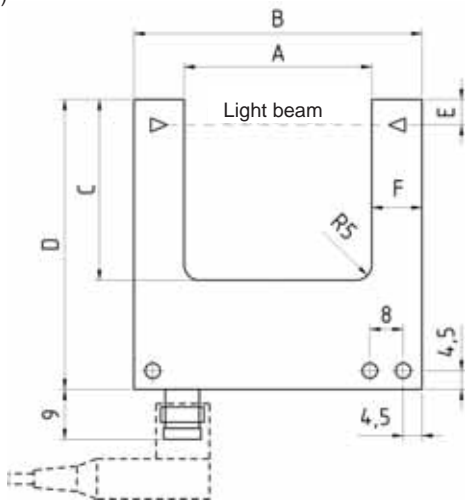


## Dimensions

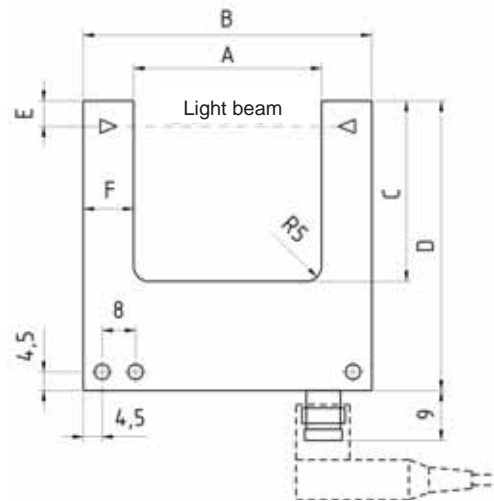
Article number	Dimensions	Mounting hole
08363533010	A = 10mm, B = 30mm, C = 17mm, D = 45mm, E = 4mm, F = 10mm	2 x Ø4,3mm
08363533020	A = 20mm, B = 40mm, C = 17mm, D = 45mm, E = 4mm, F = 10mm	2 x Ø4,3mm
08363533030	A = 30mm, B = 50mm, C = 35mm, D = 60mm, E = 5mm, F = 10mm	3 x Ø4,3mm
08363333040	A = 40mm, B = 60mm, C = 45mm, D = 70mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363533050	A = 50mm, B = 70mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,3mm
08363333060	A = 60mm, B = 80mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363333070	A = 70mm, B = 90mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363533080	A = 80mm, B = 100mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,3mm
08363333090	A = 90mm, B = 110mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363333100	A = 100mm, B = 120mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363533120	A = 121mm, B = 145mm, C = 60mm, D = 90mm, E = 10mm, F = 12mm	2 x Ø4,3mm + 2 x Ø4,3-5,3mm oblong hole
08363333180	A = 180mm, B = 204mm, C = 114mm, D = 144mm, E = 5mm, F = 12mm	2 x Ø4,0mm + 2 x Ø4,0-8,0mm oblong hole
08363533220	A = 220mm, B = 244mm, C = 110mm, D = 140mm, E = 10mm, F = 12mm	4 x Ø4,3mm

A = Fork width B = Total width C = Fork depth D = Total depth (without connector) E = Distance optical axis from the top  
 F = Wide arm right (potting bottom)

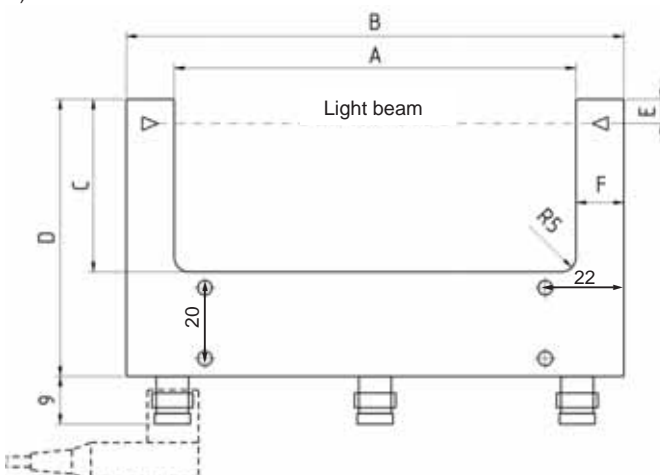
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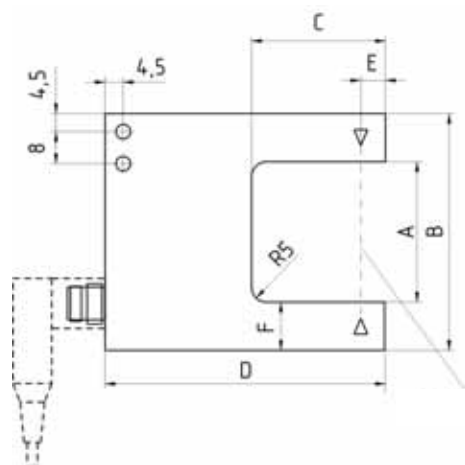
1a)



2)



3)



The position of the connector vary on selected models!

all data in mm



# LIGHT BARRIERS

## Infra red light fork light barriers

### General data

Operating voltage	10 ... 35V DC
Switching current	200mA
Operating temperature	-10...+60°C
Protection class	IP67
Sensitivity	over Poti adjustable
Switching output	PNP, N.O./N.C. with Poti switchable Exception: DPS
Connection	Connector M8 3-pole
Switching frequency	2,5kHz
Hysteresis	0,2mm
Repeatability	0,01mm
Thickness	10mm (from KOEG120, 12mm)
Switching state	Infra red
Optic	Class

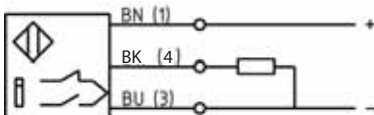


### Selection chart Infra red fork

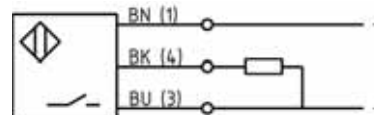
Article number	Designation	Output function	Wavelength in nm	Housing	Fork width x-depth in mm	Circuit diagram/ Dimension
08363351005	KOEG5-Q17AB-DPS-V1-IR	PNP	880	Al	5 x 17	2/3
08363553010	KOEG10-Q17AB-DPU-V1-IR	PNP	880	Al	10 x 17	1/3
08363553020	KOEG20-Q25AB-DPS-V1-IR	PNP	880	Al	20 x 25	2/3
08363553030	KOEG30-Q35ZB-DPU-V1-IR	PNP	880	Zn	30 x 35	1/1
08363553040	KOEG40-Q45AB-DPU-V1-IR	PNP	880	Al	40 x 45	1/1
08363553050	KOEG50-Q55ZB-DPU-V1-IR	PNP	880	Zn	50 x 55	1/1
08363353060	KOEG60-Q55AB-DPU-V1-IR	PNP	880	Al	60 x 55	1/1
08363353070	KOEG70-Q55AB-DPU-V1-IR	PNP	880	Al	70 x 55	1/1
08363553080	KOEG80-Q55ZB-DPU-V1-IR	PNP	880	Zn	80 x 55	1/1
08363353100	KOEG100-Q55AB-DPU-V1-IR	PNP	880	Al	100 x 55	1/1
08363553120	KOEG120-Q60ZB-DPU-V1-IR	PNP	880	Zn	120 x 60	1/2
08363353220	KOEG220-Q110AB-DPU-V1-IR	PNP	880	Al	220 x 110	1/2

### Circuit diagrams

1)



2)

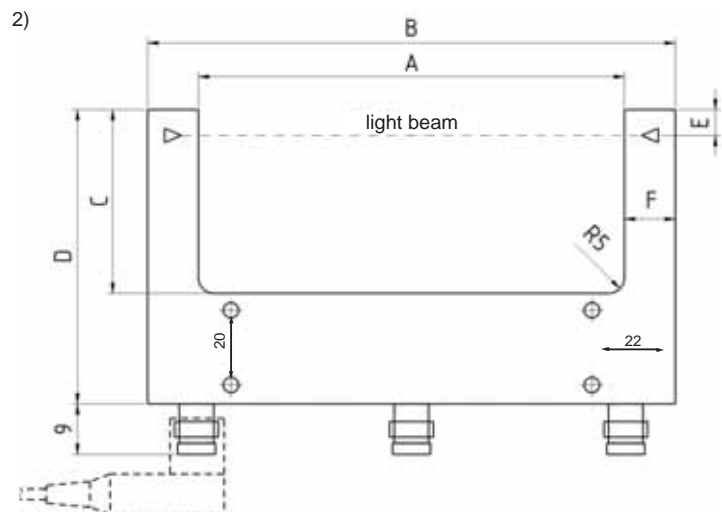
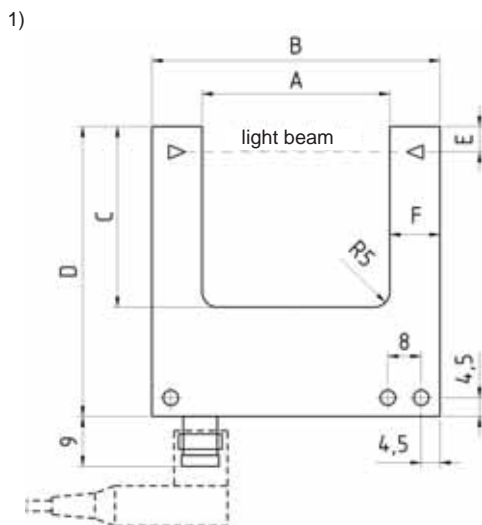




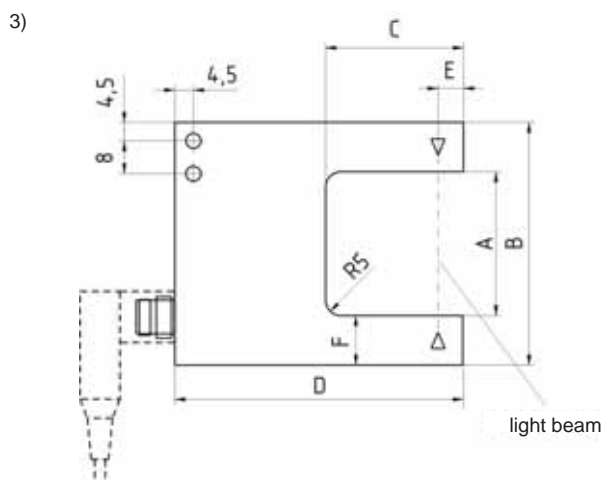
## Dimensions

Article number	Dimension	Mounting hole
08363351005	A = 5mm, B = 25mm, C = 17mm, D = 45mm, E = 4mm, F = 10mm	2 x Ø3,2mm
08363553010	A = 10mm, B = 30mm, C = 17mm, D = 45mm, E = 4mm, F = 10mm	2 x Ø4,3mm
08363553020	A = 20mm, B = 40mm, C = 25mm, D = 50mm, E = 5mm, F = 10mm	2 x Ø4,5mm
08363553030	A = 30mm, B = 50mm, C = 35mm, D = 60mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363553040	A = 40mm, B = 60mm, C = 45mm, D = 70mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363553050	A = 50mm, B = 70mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363353060	A = 60mm, B = 80mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363353070	A = 70mm, B = 90mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363553080	A = 80mm, B = 100mm, C = 55mm, D = 50mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363353100	A = 100mm, B = 120mm, C = 55mm, D = 80mm, E = 5mm, F = 10mm	3 x Ø4,5mm
08363553120	A = 120mm, B = 144mm, C = 60mm, D = 90mm, E = 10mm, F = 12mm	4 x Ø4,2mm
08363353220	A = 220mm, B = 244mm, C = 110mm, D = 140mm, E = 10mm, F = 12mm	4 x Ø4,2mm

A = Fork width B = Total width C = Fork depth D = Total depth (without connector) E = Distance optical axis from the top  
 F = Wide arm right (pooting bottom)



The position of the connector vary on selected models!



all data in mm





## Laser fork light barriers

### General data

Operating voltage	10 ... 35V DC
Switching current	400mA (KLEG180 = 200mA)
Operating temperature	-10...+60°C
Protection class	IP65 (KLEG180 = IP67)
Sensitivity	over Poti adjustable
Switching output	PNP, N.O./N.C. with Poti switchable
Connection	Connector M8 3-pole
Switching frequency	10kHz
Hysteresis	0,02mm
Repeatability	0,01mm
Thickness	10mm (from KLEG120)
Switching state	Laser, class 2
Optic	Class



### Selection chart Infra red fork

Article number	Designation	Output function	Wavelength in nm	Housing	Fork width x-depth in mm	Dimensions
08373433030	KLEG30-Q35AB-DPU-V1-RT	PNP	650	Al	30 x 35	1
08373433050	KLEG50-Q55AB-DPU-V1-RT	PNP	650	Al	50 x 55	1
08373433080	KLEG80-Q55AB-DPU-V1-RT	PNP	650	Al	80 x 55	1
08373433120	KLEG120-Q55AB-DPU-V1-RT	PNP	650	Al	120 x 55	2
08373333180	KLEG180-Q114AB-DPU-V1-RT	PNP	650	Al	180 x 114	2
08373433220	KLEG220-Q55AB-DPU-V1-RT	PNP	660	Al	220 x 55	2

### Circuit diagrams



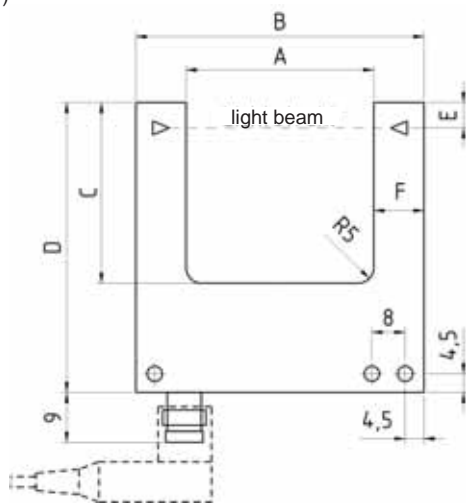


## Dimensions

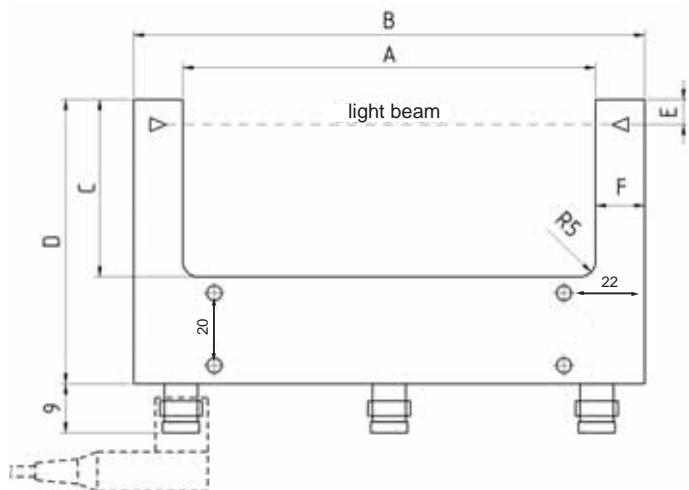
Article number	Dimension	Mounting hole
08373433020	A = 20mm, B = 45mm, C = 35mm, D = 60mm, E = 5mm, F = 15mm	2 x M5
08373433030	A = 30mm, B = 55mm, C = 35mm, D = 60mm, E = 5mm, F = 15mm	3 x M5
08373433050	A = 50mm, B = 75mm, C = 55mm, D = 80mm, E = 5mm, F = 15mm	3 x M5
08373433080	A = 80mm, B = 105mm, C = 55mm, D = 80mm, E = 5mm, F = 15mm	3 x M5
08373433120	A = 120mm, B = 145mm, C = 55mm, D = 85mm, E = 5mm, F = 15mm	4 x M5
08373333180	A = 180mm, B = 204mm, C = 114mm, D = 144mm, E = 5mm, F = 12mm	2 x Ø4,0mm + 2 x Ø4,0-8mm oblong hole
08373433220	A = 220mm, B = 245mm, C = 55mm, D = 85mm, E = 5mm, F = 15mm	4 x M5

A = Fork width B = Total width C = Fork depth D = Total depth (without connector) E = Distance optical axis from the top  
 F = Wide arm right (potting bottom)

1)



2)



The position of the connector vary on selected models!



## Frame light barriers without traverse

### General data

Operating voltage	10 ... 35V DC
Switching current	200mA
Operating temperature	-10...+60°C
Protection class	IP67
Sensitivity	over Poti adjustable
Switching output	PNP dynamic or static with Poti switchable
Connection	Connector M8 3-pole
Switching frequency	1kHz
Sensor pulse extension	over Poti adjustable
Repeatability	0,1mm
Switching state	Infra red



### Selection chart Frame light barriers without traverse

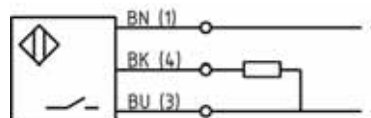
Article number	Designation	Output functions	Wavelength in nm	Fork width x-depth in mm	Circuit diagram/ Dimension
08363650001	KOEG70-R64AB-DPS-V1	PNP	880	70 x 64	1/1
08363650005	KOEG100-R94AB-DPS-V1	PNP	880	100 x 94	1/2
08363650009	KOEG150-R144AB-DPS-V1	PNP	880	150 x 144	1/3
08363650037	KOEG200-R194AB-DPS-V1	PNP	880	200 x 194	1/4
08363650038	KOEG250-R244AB-DPS-V1	PNP	880	250 x 244	1/5
08363650010	KOEG70-R64AB-DPÖ-V1	PNP	880	70 x 64	2/1
08363650014	KOEG100-R94AB-DPÖ-V1	PNP	880	100 x 94	2/2
08363650018	KOEG150-R144AB-DPÖ-V1	PNP	880	150 x 144	2/3
08363650039	KOEG200-R194AB-DPÖ-V1	PNP	880	200 x 194	2/4
08363650040	KOEG250-R244AB-DPÖ-V1	PNP	880	250 x 244	2/5

### Circuit diagrams

1)



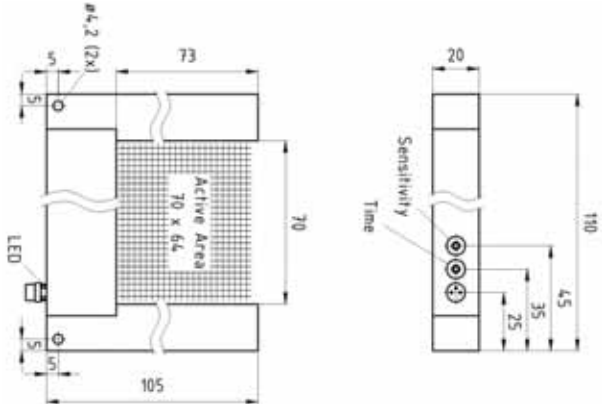
2)



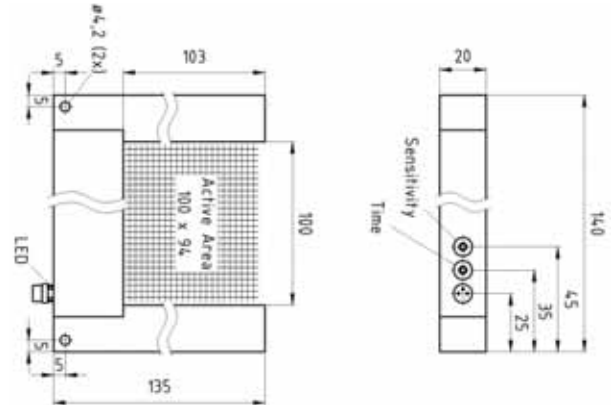


## Dimension

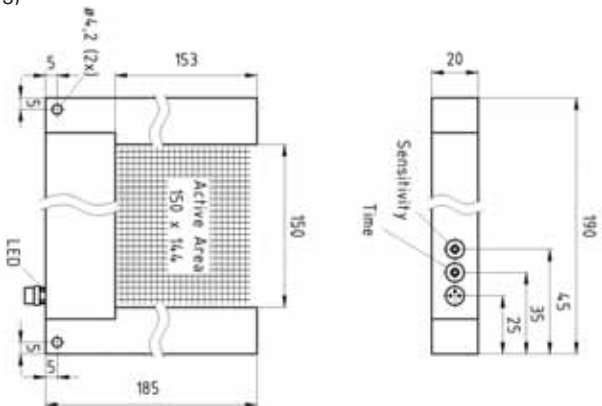
1)



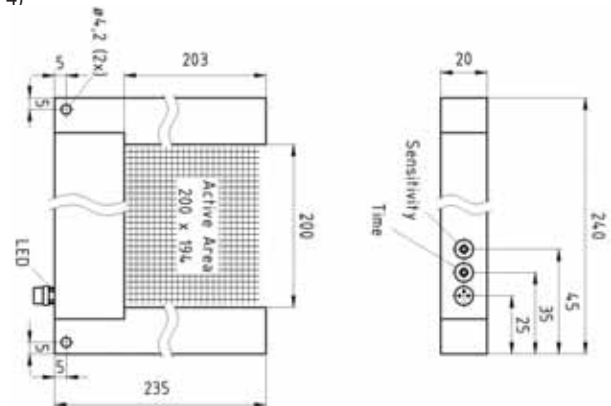
2)



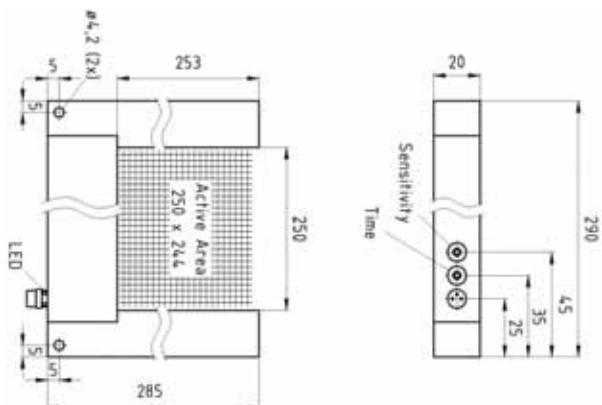
3)



4)



5)



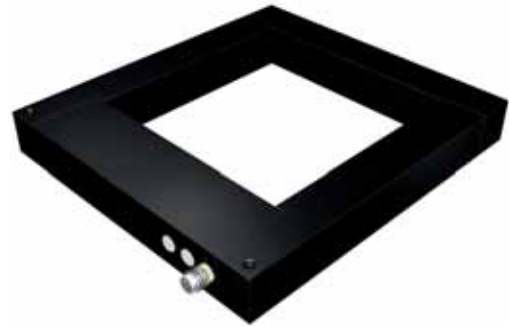
all data in mm



## Frame light barriers with traverse

### General data

Operating voltage	10 ... 35V DC
Switching current	200mA
Operating temperature	-10...+60°C
Protection class	IP67
Sensitivity	over Poti adjustable
Switching output	PNP dynamic or static with Poti switchable
Connection	Connector M8 3-pole
Switching frequency	1kHz
Sensor pulse extension	over Poti adjustable
Repeatability	0,1mm
Switching state	Infra red

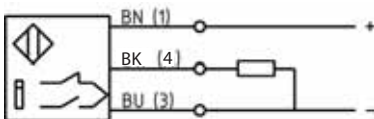


### Selection chart frame light barriers with traverse

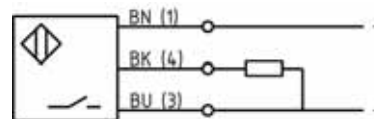
Article number	Designation	Output function	Wavelength in nm	Fork width x-depth in mm	Circuit diagram/ Dimension
08363650019	KOEG70-RT64AB-DPS-V1	PNP	880	70 x 64	1/1
08363650023	KOEG100-RT94AB-DPS-V1	PNP	880	100 x 94	1/2
08363650027	KOEG150-RT144AB-DPS-V1	PNP	880	150 x 144	1/3
08363650041	KOEG200-RT194AB-DPS-V1	PNP	880	200 x 194	1/4
08363650042	KOEG250-RT244AB-DPS-V1	PNP	880	250 x 244	1/5
08363650028	KOEG70-RT64AB-DPÖ-V1	PNP	880	70 x 64	2/1
08363650032	KOEG100-RT94AB-DPÖ-V1	PNP	880	100 x 94	2/2
08363650036	KOEG150-RT144AB-DPÖ-V1	PNP	880	150 x 144	2/3
08363650043	KOEG200-RT194AB-DPÖ-V1	PNP	880	200 x 194	2/4
08363650044	KOEG250-RT244AB-DPÖ-V1	PNP	880	250 x 244	2/5

### Circuit diagrams

1)



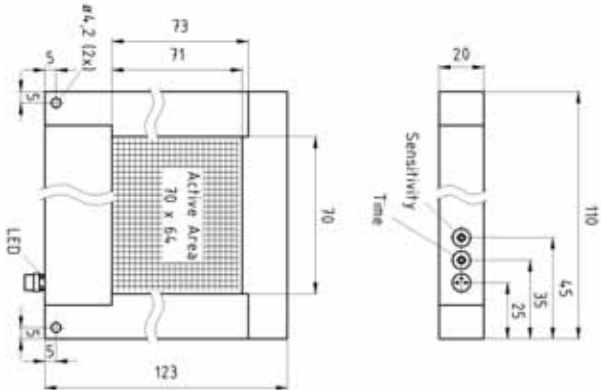
2)



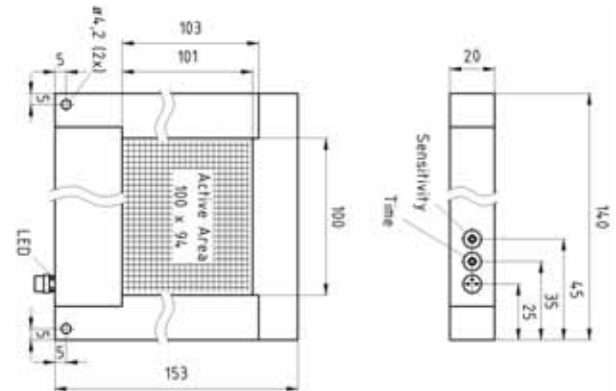


## Dimension

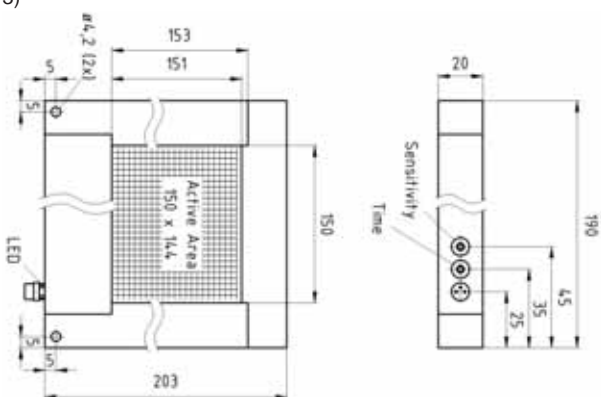
1)



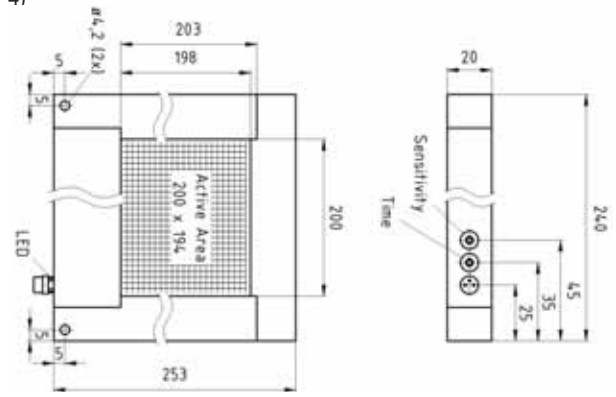
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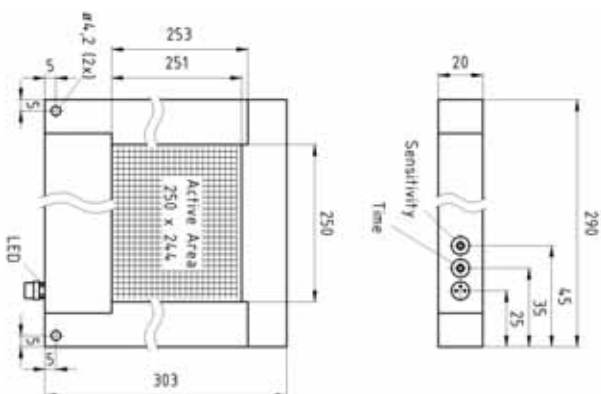
3)



4)



5)



all data in mm



## Frame light barrier without traverse with analogue output

### General data

Operating voltage	10 ... 35V DC
Switching current	Analogue output 0-10V DC
Operating temperature	-10...+60°C
Protection class	IP67
Sensitivity	over Poti adjustable
Output	Analogue 0-10V DC
Connection	Connector M8 3-pole
Switching frequency	1kHz
Offset (analogue)	over Poti switchable
Repeatability	0,3mm
Switching state	Infra red



### Selection chart frame light barriers without traverse with analogue output

Article number	Designation	Output function	Fork width x-depth in mm	Wavelength in nm	Dimension
08363650045	KOEG70-R64AB-ANU-V1	analogue 0-10V DC	70 x 64	880	1
08363650046	KOEG100-R94AB-ANU-V1	analogue 0-10V DC	100 x 94	880	2
08363650047	KOEG150-R144AB-ANU-V1	analogue 0-10V DC	150 x 144	880	3
08363650048	KOEG200-R194AB-ANU-V1	analogue 0-10V DC	200 x 194	880	4
08363650049	KOEG250-R244AB-ANU-V1	analogue 0-10V DC	250 x 244	880	5

### Circuit diagrams



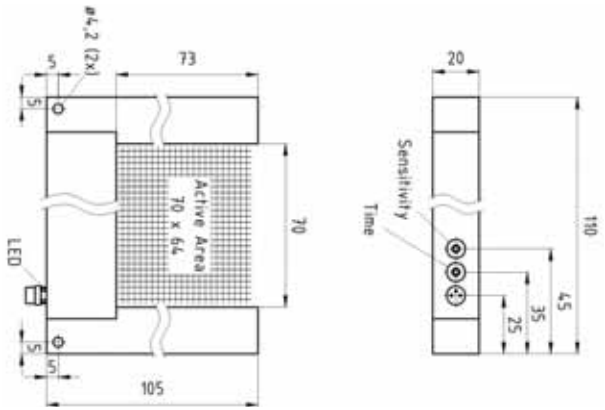
all data in mm



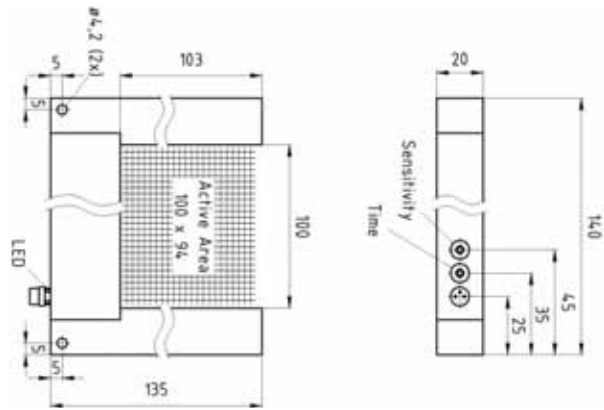
# LIGHT BARRIERS

## Dimensions

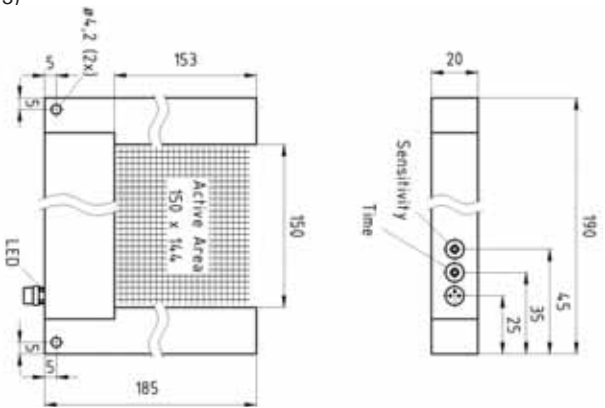
1)



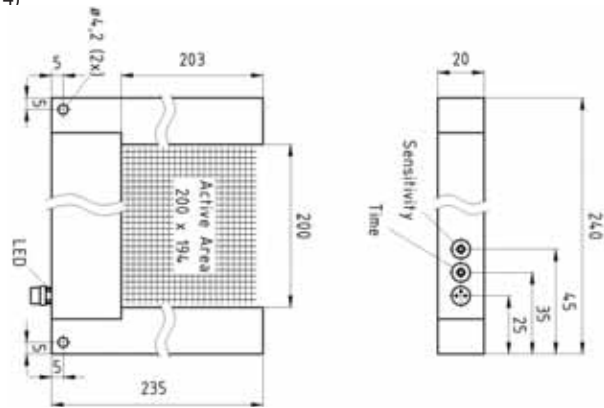
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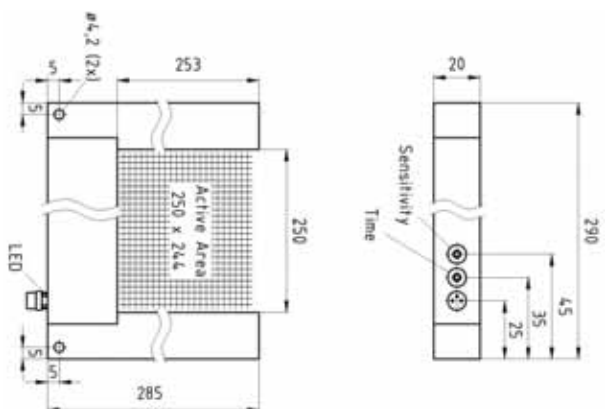
3)



4)



5)



all data in mm





## Angled fork light barriers

### General data

Operating voltage	10 ... 35V DC
Switching current	200mA
Operating temperature	-10...+60°C
Protection class	IP67
Sensitivity	over Poti adjustable
Switching output	PNP, N.O./N.C. with Poti switchable
Connection	Connector M8 3-pole
Switching frequency	2,5kHz (Laser 10kHz)
Hysteresis	0,2mm
Repeatability	0,01mm
Thickness	10mm (KLEG/KOEG120 = 12mm)



### Selection chart angled light barriers (Red light laser)



Article number	Designation	Switching state/ Output functions	Wavelength in nm	Fork depth x length optical axis in mm	Dimension
08373343050	KLEG50-W56AB-DPU-V1-RT	Red light laser, Cl. 2 PNP	660	50 x 56	1
08373343080	KLEG80-W98AB-DPU-V1-RT	Red light laser, Cl. 2 PNP	660	80 x 98	2
08373343120	KLEG120-W155AB-DPU-V1-RT	Red light laser, Cl. 2 PNP	660	120 x 155	3

### Selection chart angled light barriers (Red light)

Article number	Designation	Switching state/ Output functions	Wavelength in nm	Fork depth x length optical axis in mm	Dimension
08363343050	KOEG50-W56AB-DPU-V1-RT	Red light PNP	660	50 x 56	1
08363343080	KOEG80-W98AB-DPU-V1-RT	Red light PNP	660	80 x 98	2
08363343120	KOEG120-W155AB-DPU-V1-RT	Red light PNP	660	120 x 155	3

### Selection chart angled light barriers (Infra red)

Article number	Designation	Switching state/ Output function	Wavelength in nm	Fork depth x length optical axis in mm	Dimension
08373363050	KOEG50-W56AB-DPU-V1-IR	Infra red light PNP	660	50 x 56	1
08373363080	KOEG80-W98AB-DPU-V1-IR	Infra red light PNP	660	80 x 98	2
08373363120	KOEG120-W155AB-DPU-V1-IR	Infra red light PNP	660	120 x 155	3



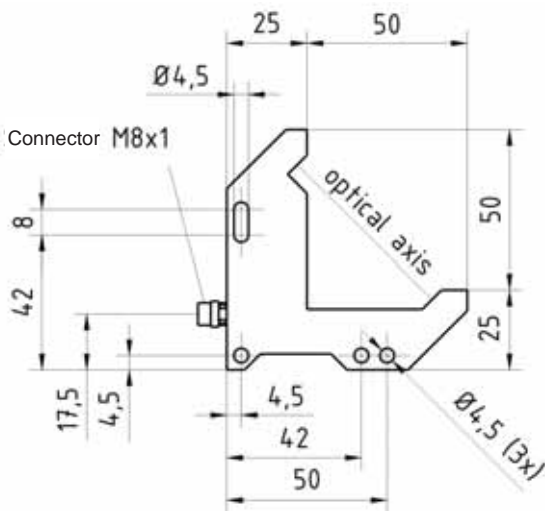
## Circuit diagrams

1)

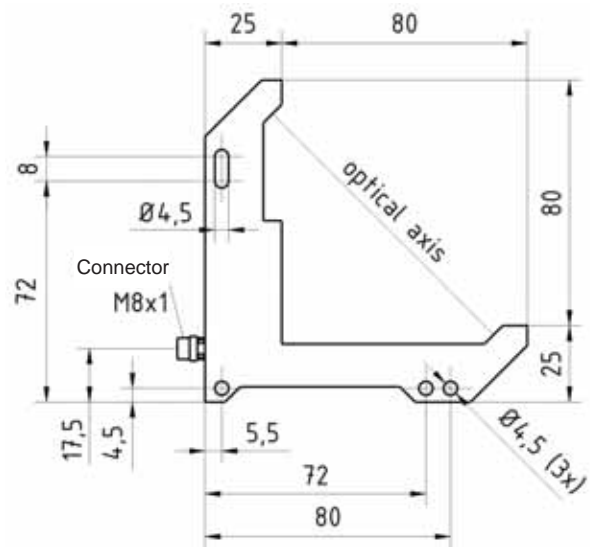


## Dimension

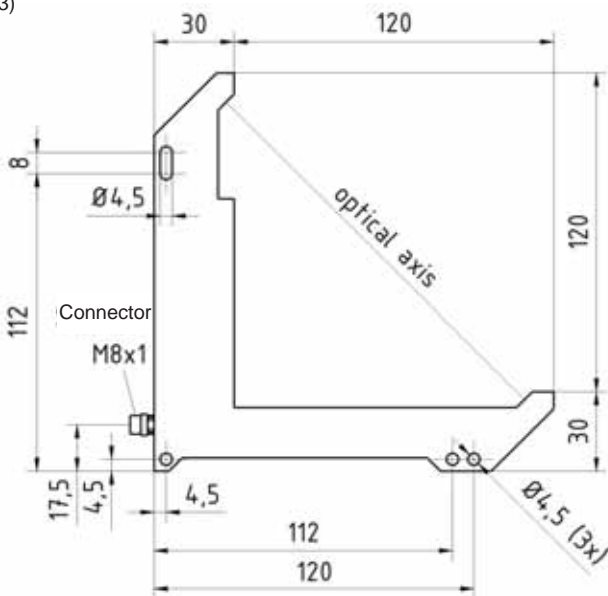
1)



2)



3)



all data in mm



## PRODUCT OVERVIEW

### Fork

Product group	Designation	Article number	Page
Red light fork light barriers	KOEG10-Q17AB-DPU-V1-RT	08363533010	5
Red light fork light barriers	KOEG20-Q17AB-DPU-V1-RT	08363533020	5
Red light fork light barriers	KOEG30-Q35ZB-DPU-V1-RT	08363533030	5
Red light fork light barriers	KOEG40-Q45AB-DPU-V1-RT	08363333040	5
Red light fork light barriers	KOEG50-Q55ZB-DPU-V1-RT	08363533050	5
Red light fork light barriers	KOEG60-Q55AB-DPU-V1-RT	08363333060	5
Red light fork light barriers	KOEG70-Q55AB-DPU-V1-RT	08363333070	5
Red light fork light barriers	KOEG80-Q55ZB-DPU-V1-RT	08363533080	5
Red light fork light barriers	KOEG90-Q55AB-DPU-V1-RT	08363333090	5
Red light fork light barriers	KOEG100-Q55AB-DPU-V1-RT	08363333100	5
Red light fork light barriers	KOEG120-Q60ZB-DPU-V1-RT	08363533120	5
Red light fork light barriers	KOEG180-Q114AB-DPU-V1-RT	08363333180	5
Red light fork light barriers	KOEG220-Q60AB-DPU-V1-RT	08363533220	5
Infra red fork light barriers	KOEG5-Q17AB-DPS-V1-IR	08363351005	7
Infra red fork light barriers	KOEG10-Q17AB-DPU-V1-IR	08363553010	7
Infra red fork light barriers	KOEG20-Q25AB-DPS-V1-IR	08363553020	7
Infra red fork light barriers	KOEG30-Q35ZB-DPU-V1-IR	08363553030	7
Infra red fork light barriers	KOEG40-Q45AB-DPU-V1-IR	08363553040	7
Infra red fork light barriers	KOEG50-Q55ZB-DPU-V1	08363553050	7
Infra red fork light barriers	KOEG60-Q55AB-DPU-V1-IR	08363353060	7
Infra red fork light barriers	KOEG70-Q55AB-DPU-V1-IR	08363353070	7
Infra red fork light barriers	KOEG80-Q55ZB-DPU-V1-IR	08363553080	7
Infra red fork light barriers	KOEG100-Q55AB-DPU-V1-IR	08363353100	7
Infra red fork light barriers	KOEG120-Q60ZB-DPU-V1-IR	08363553120	7
Infra red fork light barriers	KOEG220-Q110AB-DPU-V1-IR	08363353220	7
Red light laser fork light barriers	KLEG20-Q35AB-DPU-V1-RT	08373433020	9
Red light laser fork light barriers	KLEG30-Q35AB-DPU-V1-RT	08373433030	9
Red light laser fork light barriers	KLEG50-Q55AB-DPU-V1-RT	08373433050	9
Red light laser fork light barriers	KLEG80-Q55AB-DPU-V1-RT	08373433080	9
Red light laser fork light barriers	KLEG120-Q55AB-DPU-V1-RT	08373433120	9
Red light laser fork light barriers	KLEG180-Q114AB-DPU-V1-RT	08373333180	9
Red light laser fork light barriers	KLEG220-Q55AB-DPU-V1-RT	08373433220	9
Frame light barriers, without traverse	KOEG70-R64AB-DPS-V1	08363650001	11
Frame light barriers, without traverse	KOEG100-R94AB-DPS-V1	08363650005	11
Frame light barriers, without traverse	KOEG150-R144AB-DPS-V1	08363650009	11
Frame light barriers, without traverse	KOEG200-R194AB-DPS-V1	08363650037	11
Frame light barriers, without traverse	KOEG250-R244AB-DPS-V1	08363650038	11
Frame light barriers, without traverse	KOEG70-R64AB-DPÖ-V1	08363650010	11
Frame light barriers, without traverse	KOEG100-R94AB-DPÖ-V1	08363650014	11
Frame light barriers, without traverse	KOEG150-R144AB-DPÖ-V1	08363650018	11
Frame light barriers, without traverse	KOEG200-R194AB-DPÖ-V1	08363650039	11
Frame light barriers, without traverse	KOEG250-R244AB-DPÖ-V1	08363650040	11
Frame light barriers, with traverse	KOEG70-RT64AB-DPS-V1	08363650019	13
Frame light barriers, with traverse	KOEG100-RT94AB-DPS-V1	08363650023	13
Frame light barriers, with traverse	KOEG150-RT144AB-DPS-V1	08363650027	13
Frame light barriers, with traverse	KOEG200-RT194AB-DPS-V1	08363650041	13
Frame light barriers, with traverse	KOEG250-RT244AB-DPS-V1	08363650042	13



## PRODUCT OVERVIEW

### Fork

Product group	Designation	Article number	Page
Frame light barriers, with traverse	KOEG70-RT64AB-DPÖ-V1	08363650028	13
Frame light barriers, with traverse	KOEG100-RT94AB-DPÖ-V1	08363650032	13
Frame light barriers, with traverse	KOEG150-RT144AB-DPÖ-V1	08363650036	13
Frame light barriers, with traverse	KOEG200-RT194AB-DPÖ-V1	08363650043	13
Frame light barriers, with traverse	KOEG250-RT244AB-DPÖ-V1	08363650044	13
Frame light barriers, with analogue output	KOEG70-R64AB-ANU-V1	08363650045	15
Frame light barriers, with analogue output	KOEG100-R94AB-ANU-V1	08363650046	15
Frame light barriers, with analogue output	KOEG150-R144AB-ANU-V1	08363650047	15
Frame light barriers, with analogue output	KOEG200-R194AB-ANU-V1	08363650048	15
Frame light barriers, with analogue output	KOEG250-R244AB-ANU-V1	08363650049	15
Angled light barriers (red light laser)	KLEG50-W56AB-DPU-V1-RT	08373343050	17
Angled light barriers (red light laser)	KLEG80-W98AB-DPU-V1-RT	08373343080	17
Angled light barriers (red light laser)	KLEG120-W155AB-DPU-V1-RT	03873343120	17
Angled light barriers (red light)	KOEG50-W56AB-DPU-V1-RT	08363343050	17
Angled light barriers (red light)	KOEG80-W98AB-DPU-V1-RT	08363343080	17
Angled light barriers (red light)	KOEG120-W155AB-DPU-V1-RT	08363343120	17
Angled light barriers (infra red light)	KOEG50-W56AB-DPU-V1-RT	08363363050	17
Angled light barriers (infra red light)	KOEG80-W98AB-DPU-V1-RT	08363363080	17
Angled light barriers (infra red light)	KOEG120-W155AB-DPU-V1-RT	08363363120	17