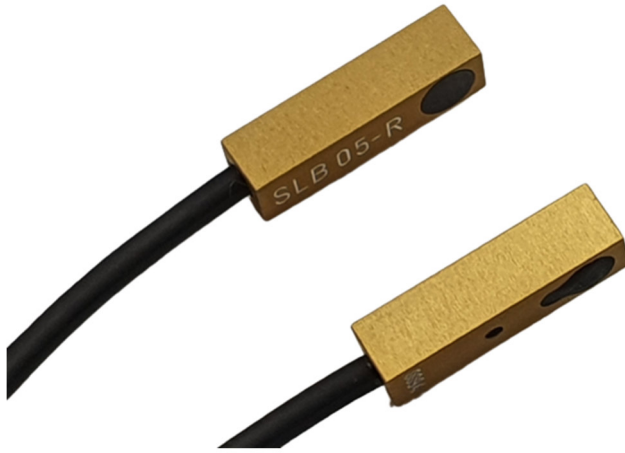


split light barrier

type: LS 05



picture alike

LS 05

5005 0109 0000

Apr-21

- _ variable switching distance
- _ flexible application possibilities
- _ robust metal housing
- _ switching state indicator
- _ insensitive to ambient light
- _ scratch-resistant optics
- _ operation with WLV3 chopped light amplifier
- _ use in liquids

application range

Positionskontrolle

technical data

feature	
voltage supply	12 .. 28 V DC
max. current	app. 100 mA
transmitter	IR-LED
receiver	photo transistor
housing	alu, gold anodised
output	PNP light switching*
distance transmitter/receiver	<=350mm
apertures	0.8 mm
switching frequency	10 kHz (WLV3)
switching state indicator	LED yellow/red (on WLV3)

subject to change

TRsystems GmbH, system area
 UNIDOR
 Freiburger Straße 3
 75179 Pforzheim
 Tel. +49 (0) 7231 3152-0
 unidor@trsystems.de
www.unidor.de

split light barrier

type: LS 05

LS 05

5005 0109 0000

Apr-21

ambient conditions

operating temperature range	-20 .. + 80°C
enclosure rating	IP 67
ambient light level	5000 Lux

* high-signal at free light beam, using with WLV3 only. Pin assignment see data sheet WLV3.

order data / types

type	description	order number
LS 05	split light barrier without amplifier	5005 0109 0000
connecting cable	to WLV 3 length 2m	5101 9054

subject to change

TRsystems GmbH, system area
UNIDOR
Freiburger Straße 3
75179 Pforzheim
Tel. +49 (0) 7231 3152-0
unidor@trsystems.de
www.unidor.de

split light barrier

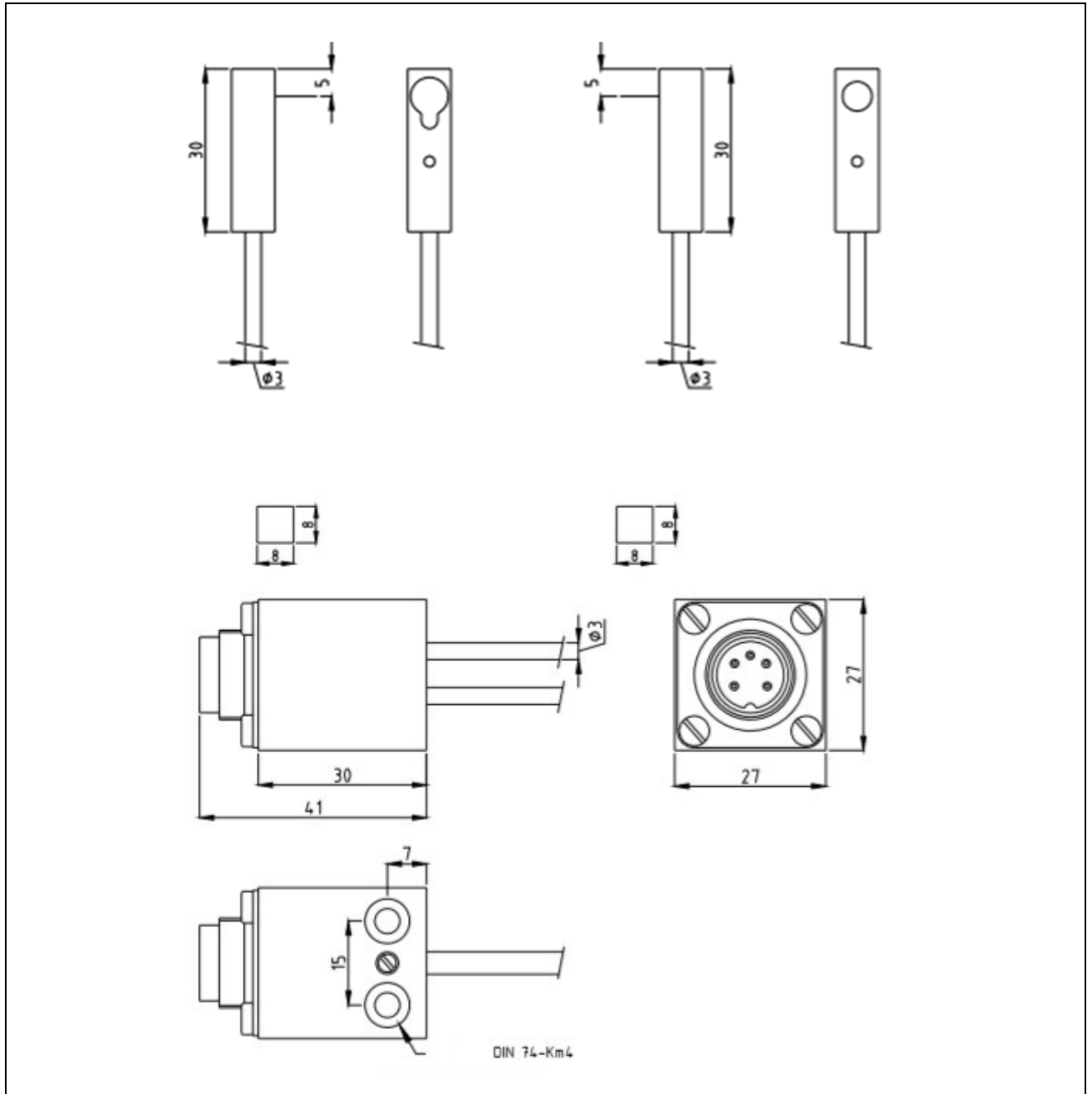
type: LS 05

dimensions

LS 05

5005 0109 0000

Apr-21



subject to change

TRsystems GmbH, system area
UNIDOR
Freiburger Straße 3
75179 Pforzheim
Tel. +49 (0) 7231 3152-0
unidor@trsystems.de
www.unidor.de