

fork light barrier

type: GLS I vis



picture alike

GLS I vis

5003 050x 0000

Dez-21

- _ visible light
- _ slim design
- _ integrated electronics
- _ robust metal housing
- _ high resolution
- _ switching status indicator
- _ insensitive to ambient light
- _ oil-resistant cable
- _ scratch-resistant optic

application range

position detection, feed rate detection quick process counting

technical data

feature	
voltage supply	12 .. 30 V DC
max. current	app. 30 mA
transmitter	LED 660 nm
receiver	photo transistor
housing	alu, gold anodised
outputs	via chopped light amplifier WLV3
output current	50 mA (WLV3)
reproducibility	0.001mm
min. recognizable object	0.5 mm
apertures	typ. 0.8 mm
switching frequency	10 kHz (WLV3)
switching state indicator	LED red (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

fork light barrier

type: GLS I vis

GLS I vis

5003 050x 0000

Dez-21

ambient conditions

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

*can only be operated via WLV3 chopped light amplifier

order data / types

type	description	order number
GLS 5x10 vis	fork light barrier visible light	5003 0501 0000
GLS 10x10 vis	fork light barrier visible light	5003 0502 0000
GLS 10x15 vis 6mm	fork light barrier visible light ***6mm bold***	5003 0504 0000
connecting cable	CCB-GLS ASB WLV3 (UN) 5B 5S	6410 4002 5020

dimensions/ apertures

type	measure A	measure B	measure C	apertures
GLS 5x10 vis	5 mm	10 mm	14 mm	0.8 mm
GLS 10x10 vis	10 mm	10 mm	19 mm	0.8 mm
GLS 10x15 vis 6mm	10 mm	15 mm	19 mm	0.8 mm

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

fork light barrier

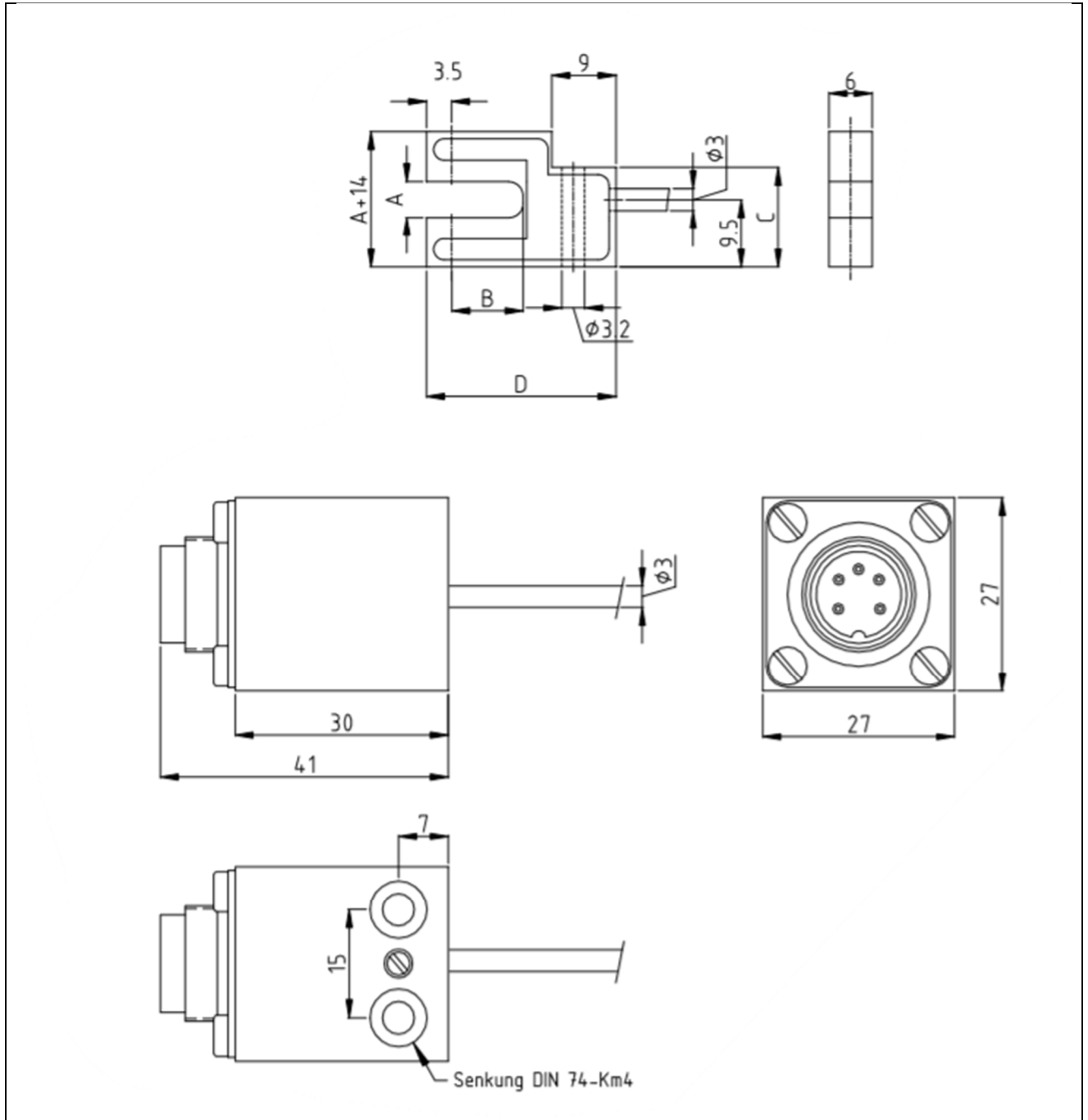
type: GLS I vis

dimensions

GLS I vis

5003 050x 0000

Dez-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