

fork light barrier

type: GLS II vis



picture alike

GLS II vis

5003 05xx 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

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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 10x15 vis	fork light barrier visible light	5003 0503 0000
GLS 10x30 vis	fork light barrier visible light	5003 0505 0000
GLS 20x15 vis	fork light barrier visible light	5003 0506 0000
GLS 20x20	fork light barrier invisible light	5003 0507 0000
GLS 20x30 vis	fork light barrier visible light	5003 0508 0000
GLS 20x40 vis	fork light barrier visible light	5003 0509 0000
GLS 20x60 vis	fork light barrier visible light	5003 0510 0000
GLS 20x80 vis	fork light barrier visible light	5003 0511 0000
GLS 30x15 vis	fork light barrier visible light	5003 0512 0000
GLS 30x30 vis	fork light barrier visible light	5003 0513 0000
connecting cable	KAB ASB/WLV 2m, terminal block/WLV3	5101 9054

dimensions/apertures

type	measure A	measure B	apertures
GLS 10x15 vis	10 mm	15 mm	0.8 mm
GLS 10x30 vis	10 mm	30 mm	0.8 mm
GLS 20x15 vis	20 mm	15 mm	1.2 mm
GLS 20x20	20 mm	20 mm	0.6/1.2 mm
GLS 20x30 vis	20 mm	30 mm	1.2 mm
GLS 20x40 vis	20 mm	40 mm	1.2 mm
GLS 20x60 vis	20 mm	60 mm	0.6/1.2 mm
GLS 20x80 vis	20 mm	80 mm	1.2 mm
GLS 30x15 vis	30 mm	15 mm	1.2 mm
GLS 30x30 vis	30 mm	30 mm	1.2 mm

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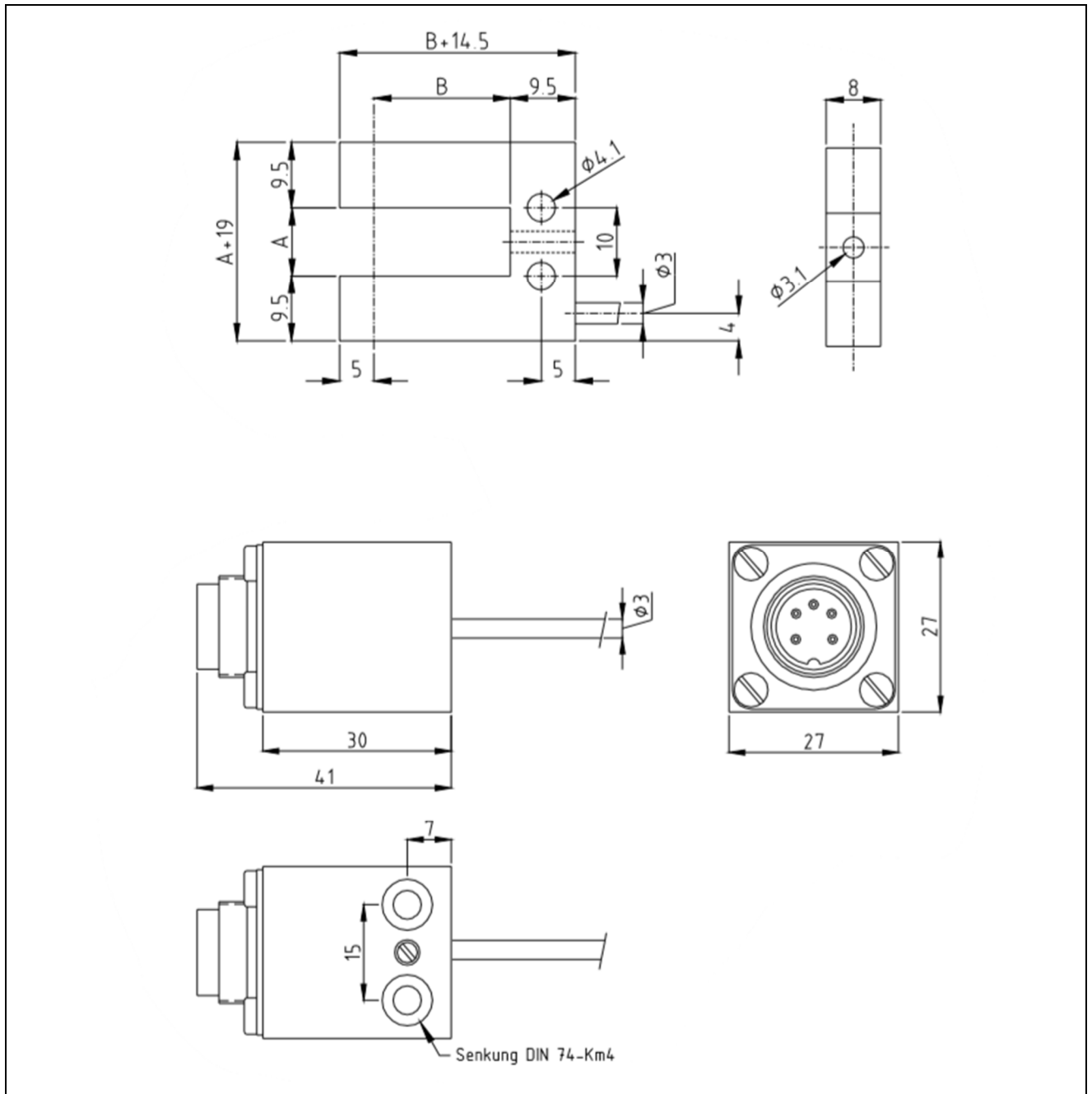
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dimensions

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