

stick light barrier

type: SL4



picture alike

FS 4W

5003 01xx 0000

Mrz-24

- _ variable switch distance
- _ flexible applications
- _ robust metal case
- _ switching state indicator
- _ insensitive to external effect of light
- _ scratch-resistant optic

application range

position detection

technical data

feature	
voltage supply	15 .. 24 V DC
max. current	ca. 110 mA
transmitter	IR-LED
receiver	photo transistor
housing	alu, gold anodised
outputs	2x digital light- and dark-switching*
distance transmitter/receiver	<=350mm
aperture	0.8 mm
switching frequency	1 kHz
switching state indicator	LED yellow/red

subject to change

TRsystems GmbH, system area
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ambient conditions

operating temperature range	0 .. + 70°C
enclosure rating	IP 65
ambient light level	5000 Lux

* at free light beam yellow: low signal, red: high Signal

order data / types

type	description	order number
SL 4	stick light barrier transmitter receiver	5005 0104 0000
WLV 84 Kit	replacement kit for SEW amplifier with WLV 84	5005 0103 0000
WLV 84	amplifier WLV84	5101 9291
y-cable SL 4	y-cable SL 4 (5p 180°) - WLV 84, L= 0.2m	5005 0104 1002
WZS cable	CCB SL 4 - WLV84-WZS, L= 1.0m	5005 0104 2010
ZT 205 plug	M16 7- pin own manufacture	6330 0040 0000
M12 plug	4-pin own manufacture	6200 0627
M8 plug	3-pin own manufacture	6200 01569

dimensions

type	length (L)	diameter (D)
SL 4	15mm	4mm

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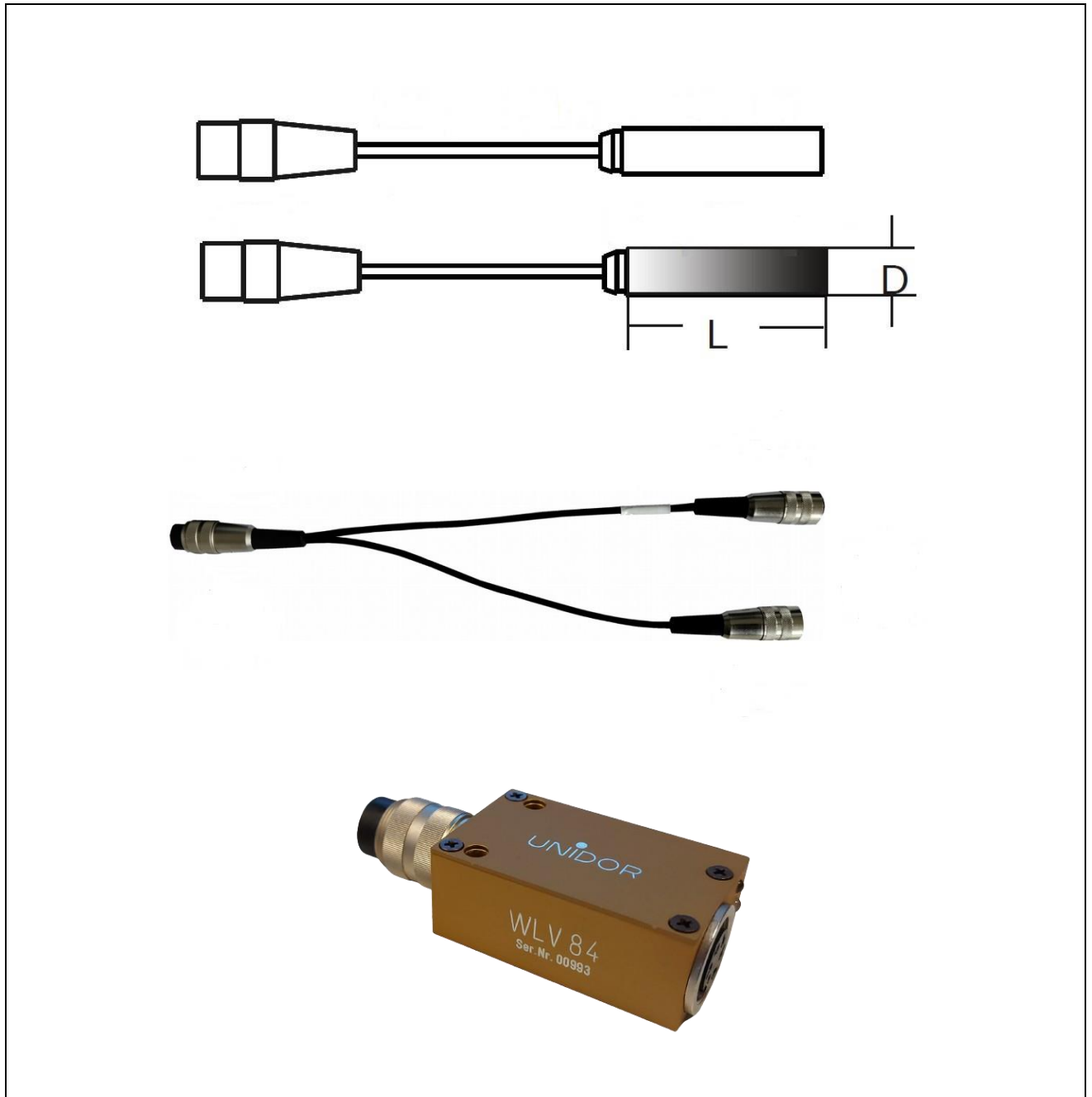
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pin assignment

M16, 7pin (6410 4041 xxxx)

colour	Pin	operation
-	1	n.c.
-	2	jumper to 3
-	3	jumper to 2
white or yellow	4	signal
green and shield	5	GND 0V
brown	6	UB
-	7	n.c.

M12, 4pin (6200 0627)

colour	Pin	operation
brown	1	UB
-	2	n.c.
green and shield	3	GND 0V
white or yellow	4	signal

M8, 3pin (6200 01569)

colour	Pin	operation
brown	1	UB
white or yellow	4	signal
green and shield	3	GND 0V

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