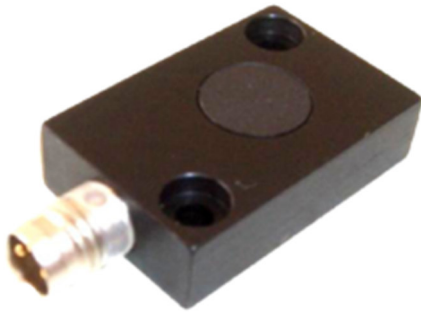


eddy current sensor

type: WSD S2/10



picture alike

WSD S2/10

5101 9652

Apr-21

- _ high measurement precision
- _ integrated electronic
- _ high measurement speed
- _ contactless measuring
- _ analog output (0...10V)
- _ pluggable
- _ simply installation

application range

distance measurement against steel

e.g. slug detection, double-sheet detection, bdc-monitoring

technical data

feature	
voltage supply	21,6 .. 26,4 V DC
max. current	app. 15 mA
measuring range	0,5...2mm
linearity	+/- 2,0%
housing	alu, black anodised
output	0...10V DC
repeatability	0.012mm
resolution	<0.002 mm
operating time	0.5 ms

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

eddy current sensor

type: WSD S2/10

WSD S2/10

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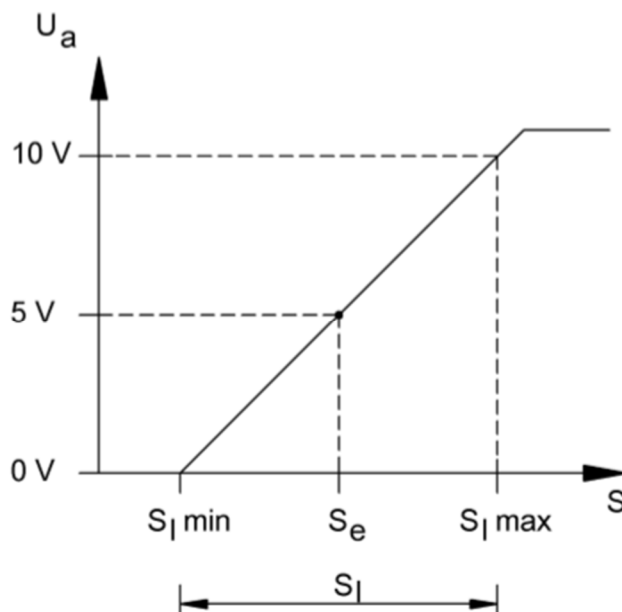
ambient conditions

operating temperature range	-10 .. +70°C
enclosure rating	IP 67

order data / types

type	description	order number
WSD S2/10	eddy current sensor plugable	5101 9652
WSD CAB 3/3-3,0	cable actuator-sensor box lenght 3m	6406 0128
CAB-B M12-4/M8-3-03	cable for Beckhoff analog box 3m	6406 0164
2 SD CAB/M8-3	cablel 5m bent socket, open end	6406 0221

characteristic curve



subject to change

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eddy current sensor

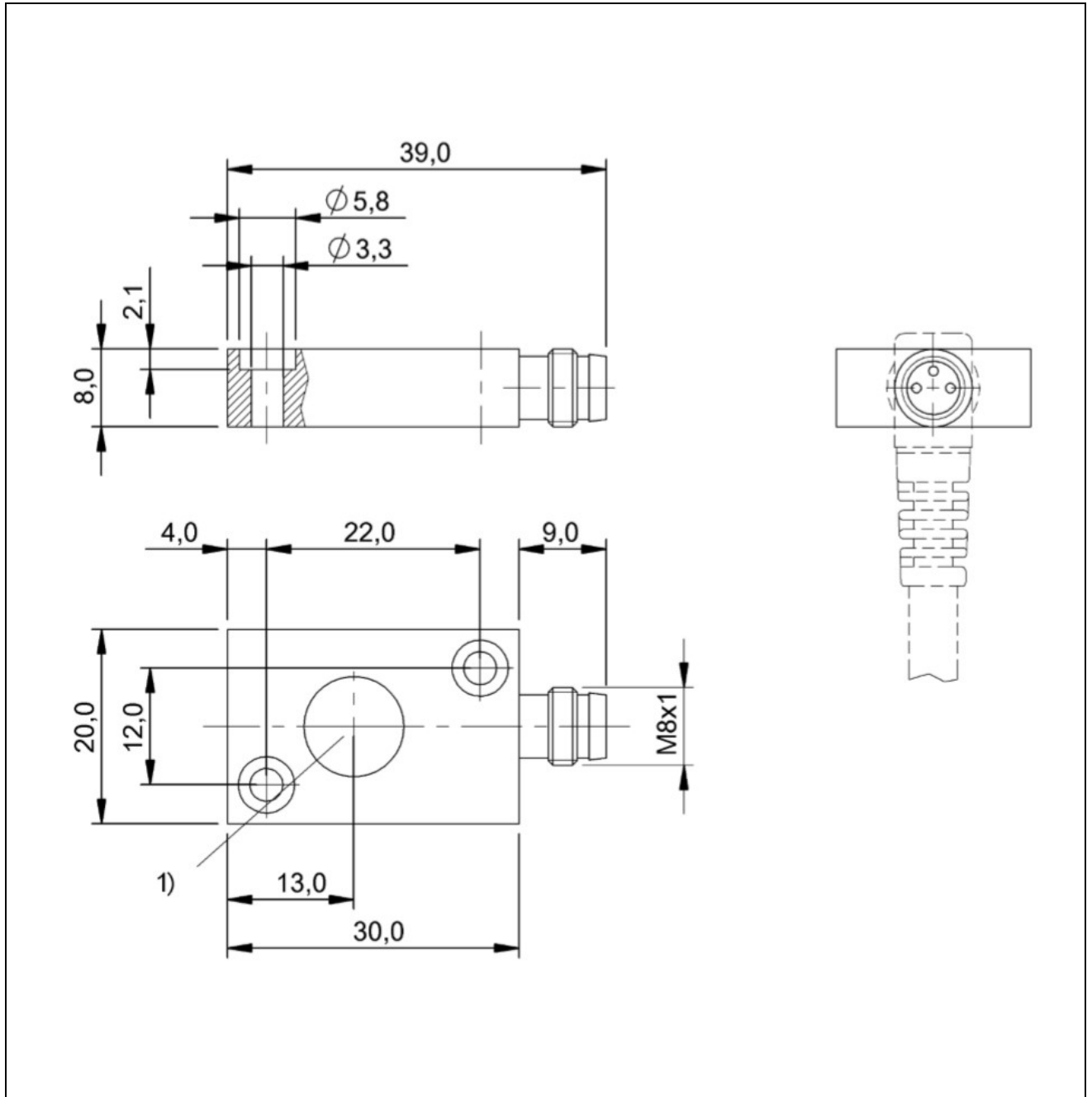
type: WSD S2/10

dimensions

WSD S2/10

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1) active area

subject to change

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eddy current sensor

type: WSD S2/10

WSD S2/10

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pin assignment

M12, 4pin (6406 0128)

colour	Pin	operation
brown	1	UB
white	2	n.c.
blue	3	GND 0V
black	4	Signal

M12, 4pin (6406 0164) Beckhoff

colour	Pin	operation
brown	1	UB
black	2	Signal
blue	3	GND 0V
blue	4	GND 0V

subject to change

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