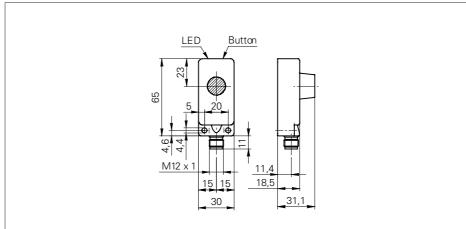
Ultrasonic proximity sensor

UZDK 30N6103/S14

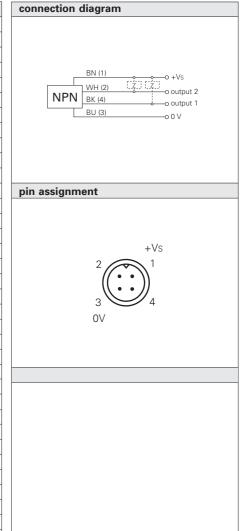
Art.-Code: 159926

- Scanning range Sd 100...1000 mm
- Two independent outputs
- Scanning range far limit programmable by teach-in button



tech	nical data
	ning range Sd
scan	ning range far limit Sde 1
scan	ning range far limit Sde 2
blind	range St
sonic	frequency
hyste	eresis
volta	ge supply range +Vs
resid	ual ripple
supp	ly current
max.	switching current
volta	ge drop
short	circuit protection
rever	se polarity protection
respo	onse time ton/toff
repea	atability
temp	erature drift
temp	erature range
hous	ing material
prote	ection class
outp	ut
swite	ching state indication Sde 1
swite	ching state indication Sde 2
adjus	tment aid
teach	n-in locking

100Sde
1001000 mm
1001000 mm
100 mm
240 kHz
4% Sde
12 - 30 VDC
10% VS
< 40 mA
200 mA
≤ 2 VDC
yes
yes
≤ 40 ms
≤ 0,5 mm
≤ 2% Sde
-10+60 °C
polyester/blow molded zinc
IP 67
NPN normally open
green LED
yellow LED
switching state indication LED flashing
5 min. after power-up respectively after last
teach-in



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Baumer electric

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Operating instructions	
Teach-in locking 5 min. after every power-up, respectively after the end of the last Teach-in process.	
Adjustment switching point Sde 1	
1. Adjustment mode:	
Press the Teach-in button for approx. 2secs until the LED flashes green. Release button.	
2. LED flashes green. Place the target at the required scanning range and press the Teach-in button.	
3. Successful completion of Teach-in procedure is confirmed by LED being "on" for approx. 2secs.	
Adjustment switching point Sde 2	
Adustment mode: Press the Teach-in button for approx: 4 secs until the LED flashes	
yellow. Release button.	
2. LED flashes yellow. Place the target at the required scanning range and press the Teach-in button.	
3. Successful completion of Teach-in procedure is confirmed by LED being "on" for approx. 2secs.	
Resseting to original factory settings	
Holding the button down for > 6secs, will automatically restore the	
original factory setting. Fast flashing of the green/yellow LED indicates successful completion of the resetting.	

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