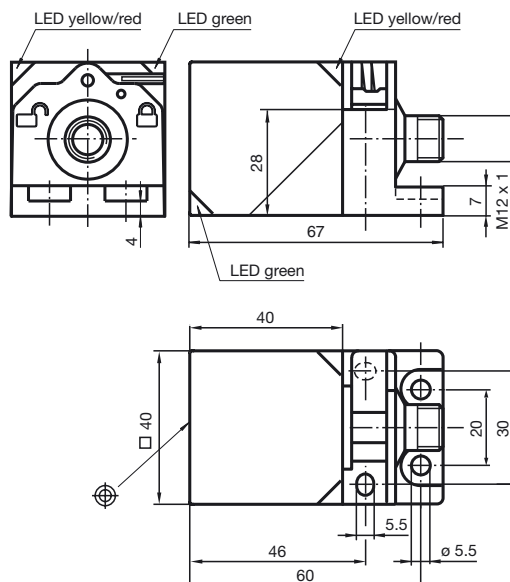


Basic series
40 mm not embeddable
A/B slave with extended
addressing possibility for
up to 62 slaves
Sensor head bi-directional
and rotatable
NO/NC selectable
Oscillator monitoring
ON/Off delay (disconnecta-
ble)



General specifications	
Switching element function	NO/NC programmable
Rated operating distance s_n	40 mm
Installation	not embeddable
Output polarity	AS-Interface
Assured operating distance s_a	0 ... 32.4 mm
Reduction factor r_{AI}	0.3
Reduction factor r_{Cu}	0.3
Reduction factor r_{V2A}	0.75
Nominal ratings	
Operating voltage U_B	26.5 ... 31.9 V via AS-i bus system
Switching frequency f	0 ... 50 Hz
Hysteresis H	typ. 5 %
Reverse polarity protection	protected against reverse polarity
Design data	
Operating voltage display	LED, green
Indication of the switching state	LED, yellow
Fault indication	LED, red
Standard conformity	
EMC in accordance with	IEC / EN 60947-5-2:2004
Standards	EN 50295
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-40 ... 85 °C (233 ... 358 K)
Mechanical specifications	
Connection type	V1-connector
Housing material	PA 6 Grivory GVN-35H
Sensing face	PA 6 Grivory GVN-35H
Protection degree	IP67
Mass	210 g

Programming Instructions

Address 00	preset, alterable via Busmaster or programming units
IO-Code	0
ID-Code	A
ID1-Code	7
ID2-Code	E

Data bit

Bit	Function
D0	Switching state
D1	not used
D2	Oscillator monitoring
D3	not used

Parameter bit

Bit	Function
P0	ON / Off delay activated* / deactivated
P1	Switching element function NO* / NC
P2	not used
P3	not used

*Standard setting

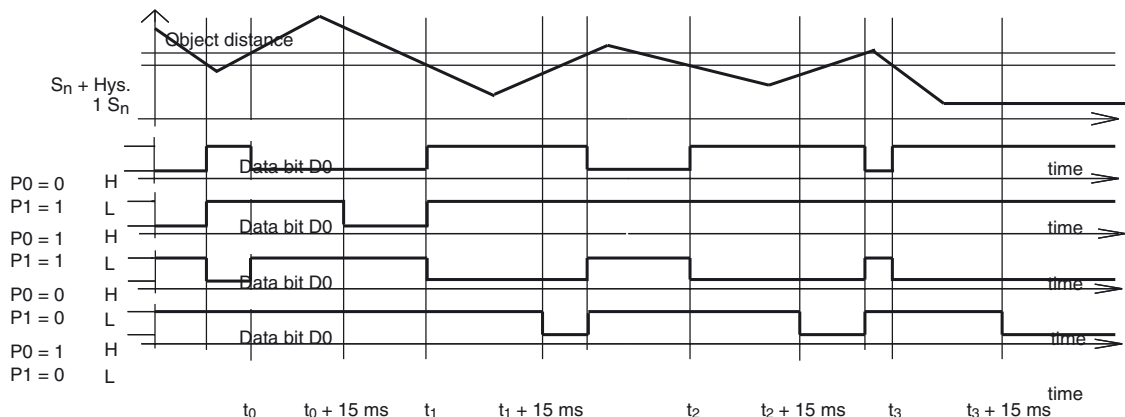
Connection type:

B3B



Indication depending on the operation mode

Symptoms	green LED (POWER)	red LED (FAULT)	Data bit D2
normal operation	on	off	1
Oscillator defect	flashing	flashing	0
no communication	off	on	1



The on/off delay is preset and switched on (P0=1). On delay approx. 15 ms, when P0=1 and NO function (P1=1). Off delay approx. 15 ms, when P0=1 and NC function (P1=0).