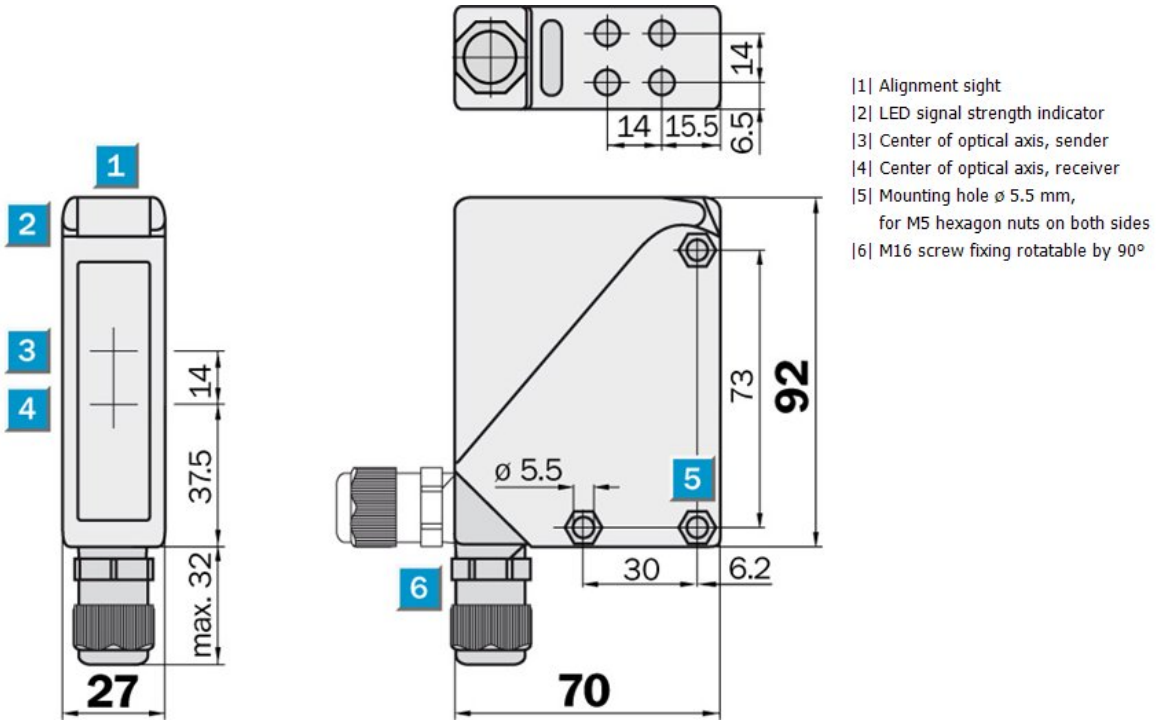
Power consumption:	< 2 VA
Output type:	Relay, electrically isolated [3]
Output function:	Change-over contacts
Switching mode:	Dark-switching, Light switching [4]
Switching mode selector:	Selectable via light/dark selector
Switching current (switching voltage):	4 A (24 V DC), 4 A (250 V AC)
Response time:	≤ 10 ms
Switching frequency:	10 Hz [5]
Connection type:	Terminal connection with M16 gland [6]
Circuit protection::	A, C [7] [8]
Protection class:	II [9]
Weight:	140 g
Polarisation filter:	✓
Housing material:	ABS, Plastic
Enclosure rating:	IP 67
Usage category:	AC-15, DC-13, According to EN 60947-1
Ambient operating temperature:	-40 °C ... +60 °C
Ambient storage temperature:	-40 °C ... +75 °C
UL File No.:	NRKH.E181493 & NRKH7.E181493

[1] Limit values [2] ±10 % [3] [4] Provide suitable spark supression for inductive or capacitive loads [5] With light/dark ratio 1:1 [6] Connection rotable by 90° [7] A = V_S connections reverse-polarity protected [8] C = interference suppression [9] Rated voltage: 250 V AC/DC

Dimensional drawing



|1| Alignment sight
|2| LED signal strength indicator
|3| Center of optical axis, sender
|4| Center of optical axis, receiver
|5| Mounting hole ø 5.5 mm,
for M5 hexagon nuts on both sides
|6| M16 screw fixing rotatable by 90°

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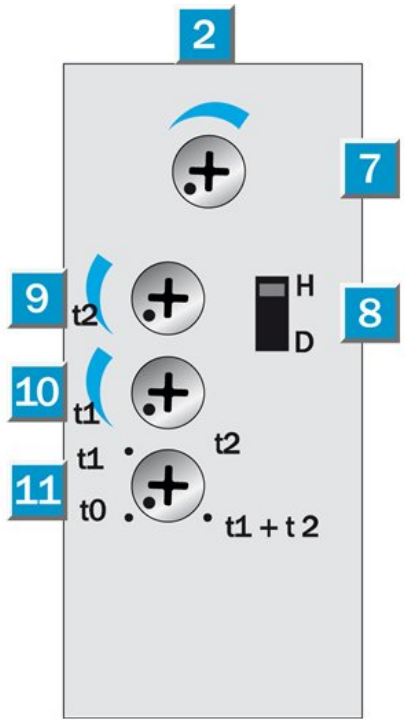
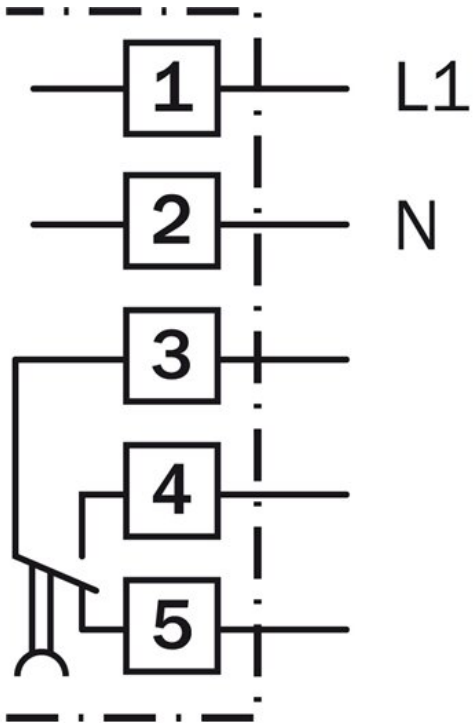
Adjustments possible



|2| LED signal strength indicator
|7| Sensitivity adjustment
|8| Light/dark selector
|9| Time control t2=OFF-delay
|10| Time control t1=ON-delay
|11| time delay selector switch

Connection diagram



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