

DATA SHEET

# WT170-P430

Lichtschranken und Taster



Connection type	Male connector M8, 4-pin
Housing material	Stainless steel, Stainless steel/ABS
Optics material	Plastic, PC
Enclosure rating	IP67
Ambient operating temperature	-25 °C ... +55 °C
Ambient temperature, storage	-40 °C ... +70 °C
UL File No.	NRNT2.E128350 & NRNT8.E128350

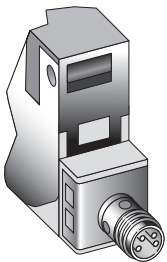
<sup>1)</sup> Without load.

<sup>2)</sup> Signal transit time with resistive load.

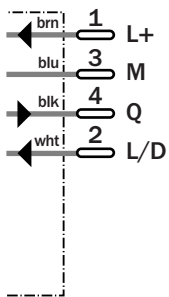
### SAFETY-RELATED PARAMETERS

MTTF <sub>D</sub>	1,273 years
DC <sub>avg</sub>	0 %

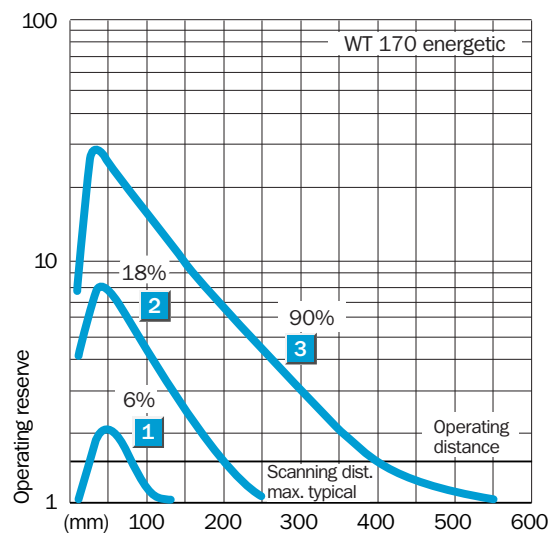
### CONNECTION TYPE



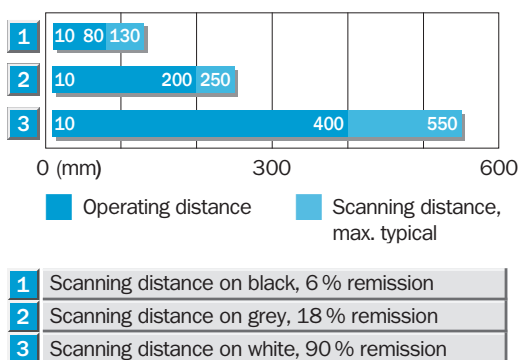
### CONNECTION DIAGRAM



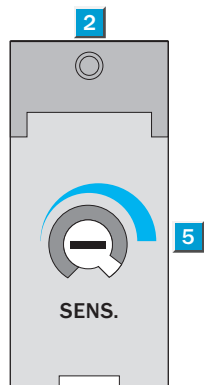
**CHARACTERISTIC CURVE**



**SENSING RANGE DIAGRAM**

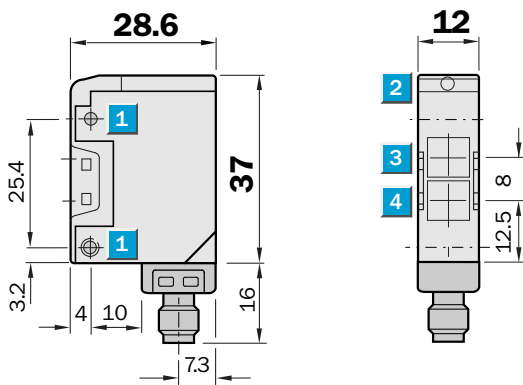


**ADJUSTMENTS**



- ② Mounting hole, Ø 3 mm with integrated M3 thread
- ⑤ Sensitivity control (potentiometer, 270°)

## DIMENSIONAL DRAWING



Dimensions in mm (inch)

- ① Mounting hole,  $\varnothing$  3 mm with integrated M3 thread
- ② LED signal strength indicator, red:
- ② light received  $\geq$  switching threshold
- ③ Center of optical axis, receiver
- ④ Center of optical axis, sender

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at [www.sick.com/6010198](http://www.sick.com/6010198)



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SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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Sensor Intelligence