

# TOCON\_water\_steel

Water Pressure Proof Housing with G1/4" Thread and Plug Connector

## GENERAL FEATURES



### Properties of the TOCON\_water\_steel

- Optional feature for all TOCON detectors without lens cap
- 7 – 24 V supply voltage
- Robust stainless steel G1/4" thread body, up to 10 bar water pressure proof
- EMC-safe
- Integrated sensor connector (Binder 5-Pin plug)
- Comes with 2 m connector cable
- Easy to mount and to connect

### Features of the integrated TOCON amplified UV photodetectors

The TOCON devices are using modern hybrid technology to cancel unwanted signal disturbances caused by moisture or electromagnetic radiation. The stable 0...4.75 V output voltage can be directly connected to a SPC controller or a voltage multimeter. No amplifier is needed.

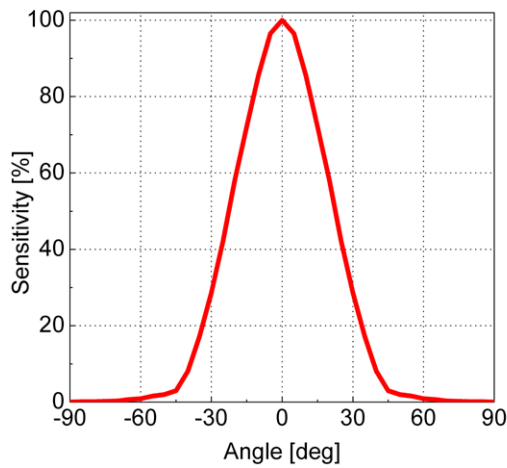
## SPECIFICATIONS

Parameter	Symbol	Value	Unit
<b>Spectral Characteristics</b>		According to applied TOCON	
<b>General Characteristics (T=25°C, V<sub>supply</sub>=+7 V)</b>			
Supply Voltage	V <sub>Supply</sub>	7 ... 24	V
Max. Output Voltage (non depending on V <sub>supply</sub> )	V <sub>Out</sub>	4.75	V
Temperature Coefficient at Peak for SiC	T <sub>c</sub>	-0.3	%/K
Temperature Coefficient at Peak for GaP	T <sub>c</sub>	-0.5	%/K
Current Consumption	I <sub>max</sub>	According to applied TOCON	
<b>Maximum Ratings</b>			
Operating Temperature	T <sub>opt</sub>	-25 ... +85	°C
Storage Temperature	T <sub>stor</sub>	-40 ... +100	°C

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### FIELD OF VIEW



#### Measurement Setup:

lamp aperture diameter: 10 mm distance lamp aperture to second aperture: 17 mm second aperture diameter: 10 mm distance second aperture to detector: 93 mm

pivot level = top surface of the detector window

### DRAWING

