

TOCON_housing24V

Miniature Housing with M12x1 Thread and Plug Connector

GENERAL FEATURES



Properties of the TOCON_housing24V

- Optional feature for all TOCON detectors
- 7–24V supply voltage
- Robust stainless steel M12x1 thread body
- EMC-safe
- Integrated sensor connector (Binder 4-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 reduce unwanted signal disturbances caused by moisture or electromagnetic radiation. The stable 4.75V output voltage can be directly connected to a SPC controller or a voltage multimeter. No amplifier is needed.

SPECIFICATIONS

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

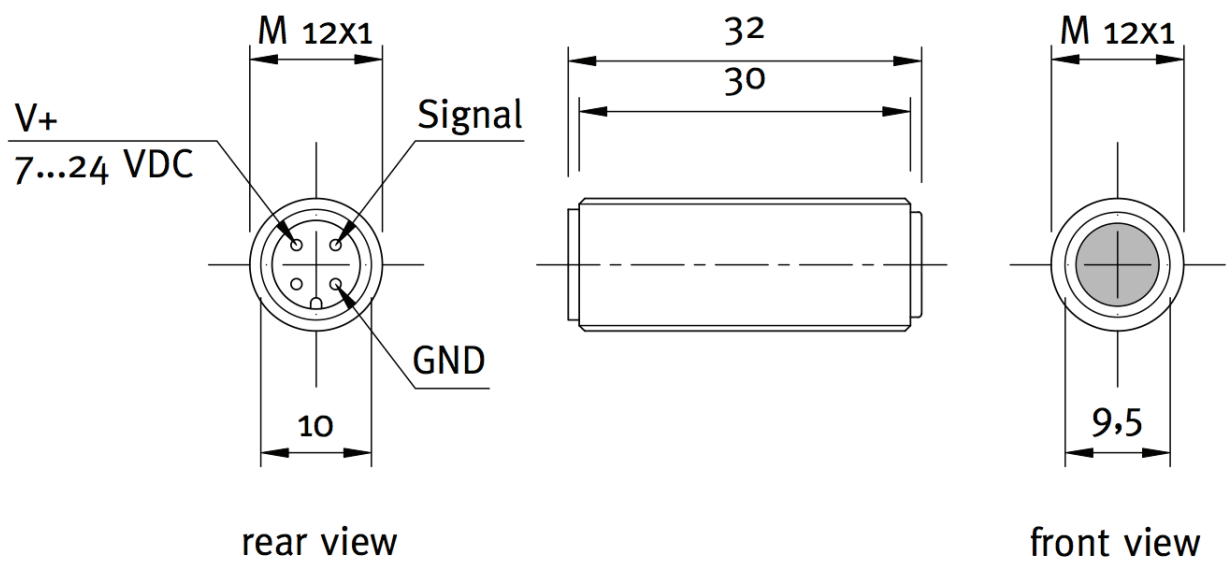
TOCON_housing24V

Miniature Housing with M12x1 Thread and Plug Connector

▶ FIELD OF VIEW

According to applied TOCON

▶ DRAWING



cable configuration :
black : V+
white : ground
blue : signal