

## Twist

### High power UV module with rotating shutter for uv medium pressure lamps

The UV modules type Twist are specifically designed for harsh environment industrial UV curing applications. The cooling is done by exhaust air only. The max. lamp power is 240 W/cm. Higher lamp power is available on request.

Thanks to the extremely robust rotation shutter, the UV module Twist operates reliably even under unusually harsh conditions.

Typical applications are in the areas of:

- Wood industry
- Large format print applications with high uv intensities
- Industrial high-performance lacquer curing

Features of UV module Twist:

- robust rotation shutter with monitored shutter position
- monitoring of the UV module with built-in temperature switch
- for each arc lengths in between approx. 350 and 1700 mm available



Technical data	
<b>Arc lengths</b>	350 – 1700 mm
<b>Specific lamp power</b>	max. 240 W/cm
<b>Lamp diameter</b>	Ø 28.5 mm
<b>Dimensions</b>	width: 238 mm height: 166 mm (with plug: 312 mm) length: depending on arc length
<b>Mounting orientation</b>	for horizontal operation, shining downwards
<b>Cooling</b>	forced-draught exhaust cooling It is recommended that the cooling air volume is not set via a temperature-based exhaust air control, but rather power-dependent.
<b>Exhaust air connection</b>	DN 100 or 125 or 140; number and diameter of air connections depending on arc length and specific power
<b>Shutter control</b>	built-in 5/2-way valve DC 24V
<b>Electrical connection</b>	Output signals: <ul style="list-style-type: none"> <li>• Shutter open/close,</li> <li>• Thermo switch (AC 250V, 6A; DC 30V, 5A)</li> </ul>
<b>Shutter actuator</b>	rotation shutter, pneumatic, 6...8 bar compressed-air according to ISO 8573-1:2010
<b>Ambient temperature</b>	5 - 35 °C
<b>Options</b>	<ul style="list-style-type: none"> <li>• HiPro high voltage connector (bulk head mounting)</li> <li>• quartz glass holder/frame</li> <li>• mounted UV inline sensor</li> <li>• elliptic reflectors with exchangeable reflector sheets</li> </ul>
<b>Protection class</b>	IP20

**Drawings:**

Sample:

