

Nominal sensing distance 8mm

Operating distance 0...6,5mm

Standard target 24x24mm FE360

Correction Factor copper: 0,40 / aluminium: 0,45 / brass: 0,55 / stainless steel: 0,95

Thermal drift of Sr < 10%

Repeat Accuracy 5% (UB 24V Ta=23°C ±5°C)

Hysteresis 1 ... 20%

Outputs

Output type TRIAC

Output Function NO

Switching frequency 25Hz

Electrical data

Operating Voltage 20 - 253Vac - 50/60Hz

Load current 7A (Ton = 10ms)

Leakage current ≤ 1mA RMS max

Output voltage drop Vibration IEC 60068-2-6 / Shock IEC 60068-2-27

Max ripple content ≤10%

LED indicators Yellow LED output state

Time delay before availability 200ms

Inrush current 7A (Ton = 10ms)

Mechanical data

Dimensions M18 x 1 / L = 77mm

Mounting Unshielded

Weight 107g

Housing Material Nickel-plated brass

Connections 25Nm

Active Head Material PBT

Tightening torque 5...300mA

Operating temperature -25°C...+70°C