



IC57 Infrared Receiver



Infrared Transmission



For Touch Probes



For Tool Setting Probes

Infrared Receiver **IC57**

BLUM
focus on productivity



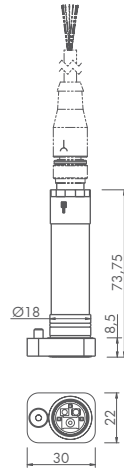
IC57 | Infrared Receiver | System for wireless data transmission

Ultra compact IR receiver with latest transmission and receiving technology

- Receiver for all Blum touch probes and tool setting probes
- Solution for mounting in the spindle head of 5-axes machines

Your benefit:

- Extremely fast and reliable transmission
- Guaranteed transmission, independent of spindle orientation
- Mounting without visible cable possible
- Switch ON/OFF via IR flash
- Robust design, IP68



Mounting in spindle head

Interface IF59

The interface is used for data transfer between receiver and machine control. It is the standard interface for all Blum receiver systems (except IC55).



Slim design

Technical data

Protection class	IP68
Mounting variant	Spindle
Power supply	12V DC / 100 mA via IF59
Transmitting range (standard)	$\pm 25^\circ > 3$ m
Receiving range	$\pm 50^\circ > 4$ m (depending on the used probe)
Mass	60 g
Storage/Operating temperature	-20 °C ... +70 °C +5 °C ... +50 °C



DUO-Mode

Technical data IF59

Protection class	IP50
Mounting	DIN Rail (DIN EN 50 022-35)
Power supply	15 - 30V DC / 100 mA
Inputs	4 x 10 mA
Outputs	4 x 50 mA Push-pull 1 x 50 mA Solid State Relay (SSR)
Interface	RS232
Storage/Operating temperature	-20 °C ... +70 °C +5 °C ... +50 °C



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