

Infrared receiver

The bidirectional infrared receivers can communicate with several touch probe systems on the same machine simultaneously. They have wide transmission and reception angles and can be used for all Hexagon infrared touch probes and tool setters. All necessary components are integrated into the stainless steel casing, so there is no additional interface required in the control cabinet.



IRR91.50

- Dual-probe as well as bidirectional HDR+ Technology
- Available with radial and axial cable outlet
- Processes measurement and temperature data
- Can be universally used and is extremely robust – IP68

IRR91.42

- Processes measurement and temperature data
- Bidirectional HDR+ technology
- No additional module or interface in the control cabinet required
- Designed for mounting directly in the headstock – IP68

	Description	IRR91.50	IRR91.42
Infrared receivers	Signal evaluation	High Data Rate+ (HDR+)	High Data Rate+ (HDR+ and HDR-Bidi (B))
	Weight	1450g = IRR91.50-A (with cable) 1550g = IRR91.50-R ((with cable and protection tube)	100g
	Power Supply	12 - 23 VDC, max. 100 mA	12 - 23 VDC, max. 100 mA
	Temperature range	Operation: 10° - 50°, Storage: 5° - 70°	Operation: 10° - 50°, Storage: 5° - 70°
	Material	Stainless steel	Stainless steel
	Sealing	IP68: EN60529, IEC529/DIN40050	IP68: EN60529, IEC529/DIN40050
	Mounting	2x Cap head screw M5	Air-blow screw M4 thread