

Ring-type sensors are operate as supply controls for screws, nails etc.

The output is operating statically, i. e. it remains active as long as there is a metal part in the response area.

Technical Data

| | | |
|--|-------------------------------|------------------------|
| Type | Ø10 mm | IKV 010.23 G S4 |
| Art.-No. | | 2453A |
| Type | Ø15 mm | IKV 015.23 G S4 |
| Art.-No. | | 2454A |
| Type | Ø25 mm | IKV 025.23 G S4 |
| Art.-No. | | 2455A |
| Target diameter (Steel ball St37) | IKV 010 | 2 mm |
| | IKV 015 | 3 mm |
| | IKV 025 | 4 mm |
| Output | PNP normally open | |
| Sensitivity adjustable | yes | |
| Supply voltage (U _B) | 10 - 30 V DC | |
| Ripple voltage | < 15 % | |
| Load current max. | 0 - 200 mA | |
| Short-time load current | 2 A / 10 ms 0,8 A / 100 ms | |
| Short circuit protection | yes | |
| No-load current (I ₀) | < 8 mA | |
| Voltage drop (U _d) | 2 V | |
| Ambient temperature | -25 ... +70 °C | |
| Protection class | IP 67* | |
| Connection | plug S4 (M12x1) | |
| Output indication | LED | |
| Housing material | Plastic | |
| Min distance for assembly in series because of mutual influence. (alternatively: design of staggered frequency available) | 90 mm centre dimension | |
| Accessories (not included in the scope of supply) | Art.-No. | |
| 2 m connection cable | | 9841D |

*The protection class is complied with when the protection screw for the adjusting device is screwed in.

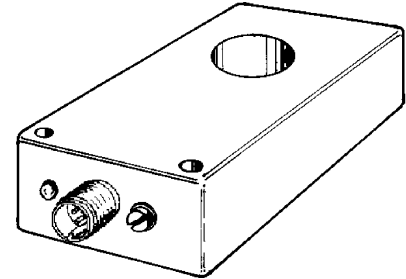


Diagram of Connections

