

Proximity Sensors For Slot Assembly



Series ST4/ST6

- Extremely sensitive, secure, and reliable
- Minimal dimensions, quick assembly
- High precision and reproducibility
- Universal assembly options
- Perfect for compact machine designs
- A wide range of versions with different line lengths and connections

Precise, Reliable And Flexible



Minimal dimensions make the sensors in the series ST4 and ST6 the right choice when every millimeter counts. They fit into all pneumatic actuators and are quick and easy to assemble with only a quarter turn of the combination screw.

Universal sensors for 4 mm and 6 mm slots

With a wide spectrum of applications, the ST4 and ST6 series sensors have established themselves as the standard in the automation technology. They are especially suited for assembly in 4 and 6 mm sensor slots. They are ready to use with just a quarter turn. With their optimized, compact shape, the sensors can be flush-fit into existing slots. The durable mounting screw holds the sensor in the desired position and can withstand shocks or vibrations. What is more, with special sensor mountings, they are easy to use with all round cylinders, tie rod cylinders, and profile cylinders.

- Assembly from above in the slot ("drop-in")
- Combined mounting screw with hexagon socket and slotted screw
- Captive screw, fixing via quarter turn

ST4-2P series: the two-point sensor makes tasks even more convenient

These special ST4 series sensors make it possible to measure any two switching points in a range of 50 mm using only one sensor. This means that there is no need to install a second sensor.



| Series | ST4 | ST6 |
|----------------------------------|----------------------------|--|
| Contact | Reed, electronic PNP, NPN | |
| For slots | C - slot | T - slot |
| Supply voltage | 10-30 V AC/DC | 10-30 V AC/DC Variant up to 230 V AC/DC |
| Ambient temperature | -30 ... +80 °C | -40 ... +80/120 °C |
| Switching point precision | ± 0,1 mT | ± 0,1 mT |
| Protection class | IP65, IP67 | IP65, IP67, IP68, IP 69K |
| Certification | UL, ST6 versions with ATEX | |



AVENTICS™

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