ST4/ST6 SERIES
PROXIMITY SENSORS
FOR SLOT ASSEMBLY

Pneumatics
It’s that easy
Precise, reliable, and flexible

Minimal dimensions make the sensors in the ST4 and ST6 series 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 automotive industry. 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.

<table>
<thead>
<tr>
<th>Series</th>
<th>ST4</th>
<th>ST6</th>
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<tbody>
<tr>
<td>Contact</td>
<td>Reed, electronic PNP, NPN</td>
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<tr>
<td>For slots</td>
<td>C - slot</td>
<td>T - slot</td>
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</table>
| Supply voltage | 10-30 V AC/DC | 10-30 V AC/DC  
| Variant up to 230 V AC/DC |
| Ambient temperature | -30 ... +80 °C | -30 ... +80/120 °C |
| Reproducibility | ≤ ± 0.1 mm | ≤ ± 0.1 mm |
| Protection class | IP65, IP67 | IP65, IP67, IP68, IP69K |
| Connection variants | ST6 versions with ATEX certification | |

ST4/ST6 series sensors

ST4

ST6

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