Transit Time Sensor
for Measuring Tasks

Y1TA100QXVT80
LASER

Part Number

- graphical display for easy operation
- Switching Output A1 as Analog Output switchable (0...10 V/4...20 mA)
- Temperature Drift eliminable
- Two mutually independent switching outputs

These sensors have scratch-resistant optics and the emitted light can be switched off. They measure the distance between the sensor and the object in accordance with the principle of transit time measurement. For this reason, the object's colour, shape and surface characteristics have practically no influence on measurement results. Even dark objects can be reliably recognized. The measurement value can be calibrated freely.
Complimentary Products

Protection Housing Set ZST-NN-02
Serial Interface Adapter S232W3

Table 1

<table>
<thead>
<tr>
<th>Working Distance</th>
<th>0 m</th>
<th>10 m</th>
<th>5 mm</th>
<th>&lt; 20 mm</th>
</tr>
</thead>
</table>

Ctrl.Panel

21 = Mode Button
60 = Display

Legend
- Supply Voltage +
- Supply Voltage 0V
A Switching Output (1,2,3...) NO
A Switching Output (1,2,3...) NC
V Contamination/Error Output (NO)
V Contamination/Error Output (NC)
E Input (analog or digital)
T Teach Input
Z Time Delay (activation)
S Shielding
RiO RS-232 Receive Path
TnO RS-232 Send Path
RY Ready
O& Ground
O& Clock
O& Output/Input programmable
O& XD-Link

Wire Colors according to DIN IEC 757
- Black
- Brown
- Red
- Orange
- Yellow
- Green
- Blue
- Violet
- Grey
- White
- Pink
- Green Yellow

Specifications are subject to change without notice

Sensors for your success

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