



Delivered without miniature WSB markers

This module is an SSI interface for the direct connection to an SSI transmitter (for encoder devices, etc.).

After the interface has given a clock pulse to the sensor, the interface reads the incoming data and transmits it directly in the form of a data word into the process image of the PLC or PC. It is possible to factory adjust different operating modes, transfer frequencies and bit widths by means of the control register.

The power supply for the transmitter is derived internally from the power jumper contacts.

| Description | Item No. | Pack. Unit |
|--|--------------------------------|-----------------|
| SSI/ 24Bit/ 125kHz/ Gray | 750-630 | 4 ¹⁾ |
| SSI/ 24Bit/ 125kHz/ Bin | 750-630/000-001 | 1 |
| SSI/ 24Bit/ 250kHz/ Bin | 750-630/000-002 | 1 |
| SSI/ 24Bit/ 125kHz/ Gray/ Status | 750-630/000-004 | 1 |
| SSI/ 15Bit/ 125kHz/ Gray/ Status | 750-630/000-005 | 1 |
| SSI/ 24Bit/ 250kHz/ Gray | 750-630/000-006 | 1 |
| SSI/ 24Bit/ 83kHz/ Gray/ Status | 750-630/000-007 | 1 |
| SSI/ 25Bit/ 125kHz/ Gray | 750-630/000-008 | 1 |
| SSI/ 13Bit/ 250kHz/ Bin | 750-630/000-009 | 1 |
| SSI/ 25Bit/ 125kHz/ Bin | 750-630/000-011 | 1 |
| SSI/ 13Bit/ 125kHz/ Gray | 750-630/000-012 | 1 |
| SSI/ 29Bit/ 125kHz/ Bin | 750-630/000-013 | 1 |
| SSI/ Configurable | 750-630/003-000 | 1 |
| ¹⁾ Also available individually | | |
| Accessories | Item No. | Pack. Unit |
| Miniature WSB Quick marking system | | |
| plain | 248-501 | 5 |
| with marking | see pages 304 ... 305 | |
| Approvals | | |
| 750 Series (Approvals for product variations upon request) | | |
| Conformity marking | CE | |
| UL 508 | | |
| ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
| EN 50021 | II 3 G EEx nA II T4 | |

| Technical Data | |
|-------------------------------------|--|
| Sensor connection | In + D, -D / Out + CL, -CL |
| Current consumption typ. (internal) | 85 mA |
| Voltage via power jumper contacts | 24 V DC (-1.5 % ... +20 %) |
| Sensor supply | 24 V DC via power jumper contacts |
| Baud rate | 125 kHz (max. 1 MHz) |
| serial input | 32 bits (bit width) |
| Signal output | differential signal (RS 422) |
| Signal input | differential signal (RS 422) |
| Code | Graycode |
| Isolation | 500 V system/supply |
| Internal bit width | 1 x 32 bits 1 x 8 bits control/status (option) (24 bits data, 8 bits reserved) |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm² ... 2.5 mm² / AWG 28 ... 14 |
| Stripped lengths | 8 ... 9 mm / 0.33 in |
| Width | 12 mm |
| Weight | 46.5 g |
| EMC CE-Immunity to interference | acc. to EN 61000-6-2 (2005) |
| EMC CE-Emission of interference | acc. to EN 61000-6-4 (2007) |