



Delivered without miniature WSB markers

This module is an SSI interface for the direct connection to an SSI transmitter.

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 352 ... 353	
Approvals	Also see "Approvals Overview" in Section 1	
Conformity marking	CE	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
EN 50021	II 3 G EEEx nA II T4	750-630/000-xxx
EN 60079-0, -11, -15	I M2 Ex d I	750-630/003-000*
EN 61241-0, -1, -11	II 3 G Ex nA IIC T4	750-630/003-000*
	II 3 D Ex tD A22 IP6X T135°C	750-630/003-000*
	* Permissible operating temperature: 0°C ... +60°C	

Technical Data	
Sensor connection	In + D, -D / Out + CL, - CL
Current consumption typ. (internal)	20 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 mm ² ... 2.5 mm ² / 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)