



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	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/ 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
Accessories		
Miniature WSB Quick marking system		
plain	248-501	5
with marking	see Section 11	
Approvals		
Conformity marking	CE	
Korea Certification		
Marine applications (versions upon request)	GL	
UL 508		
ANSI/ISA 12.12.01	Class I, Div. 2, Grp. ABCD, T4	
TÜV 07 ATEX 554086 X	I M2 Ex d I Mb, II 3 G Ex nA IIC T4 Gc, II 3 D Ex tc IIIC T135°C Dc	
IECEx TUN 09.0001 X	Ex d I Mb, Ex nA IIC T4 Gc, Ex tc IIIC T135°C Dc	

Technical Data

Sensor connection	In + D, -D / Out + CL, -CL
Current consumption typ. (internal)	20 mA
Voltage via power jumper contacts	24 V DC (-15 % ... +20 %)
Sensor supply	24 V DC via power jumper contacts
Baud rate	125 kHz (max. 250 kHz)
	750-630/003-000)
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
Strip lengths	8 ... 9 mm / 0.33 in
Width	12 mm
Weight	46.5 g
EMC immunity of interference	acc. to EN 61000-6-2, marine applications
EMC emission of interference	acc. to EN 61000-6-4, marine applications