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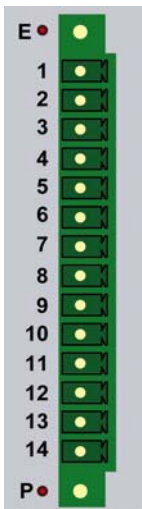
- BiSS encoder interface
- data output voltage 5V RS485
- data input voltage 5V RS485
- up to 8 sensors

I/O

Pinout



LED:	Signal
0; (8)	data transfer Channel 1
1; (9)	CRC error Channel 1
E	failure, red
P	power supply, red



Pin	Signal	
1	C1+	Output
2	C1-	Output
3	D1+	Input
4	D1-	Input
5	reserved	
6	reserved	
7	reserved	
8	reserved	
9	Power	VCC
10	Power	0V
11	Power	VCC
12	Power	0V
13	Power	VCC
14	Power	0V

All Power VCC and Power 0V are internal connected

Attributes

Dataformat:
8 x 48 bit format

Applications:
The P5130 allows a BiSS sensor to be connected directly. Diverse data transfer frequencies and bit widths can be adjusted. The sensor is powered by the BiSS interface.

- available prints :
- @P5130L: 1 BiSS encoder interface
 - @P5130R: 1 BiSS encoder interface

Related Applications:

- 1 SSI sensor interface
- @P5100: 1 SSI sensor interface
- 2 SSI sensor interfaces
- @P5200: 2 SSI sensor interfaces

digital

interface

Electrical Data

Power supply external.....	GND required, see notes
.....	VCC max. 24V= +/- 20%, optional
Operating current.....	< 100mA at 24 V= , typical
Operating current @ctiveBus.....	
Input protection.....	5V overvoltage; 30V overvoltage
Input resistance.....	
Signal output.....	difference signal (RS485)
Signal input.....	difference signal (RS485)

BISS 5130

System Information

System ID	0x0282
System address space	8 x 48 bit in, 8 x 48 bit out

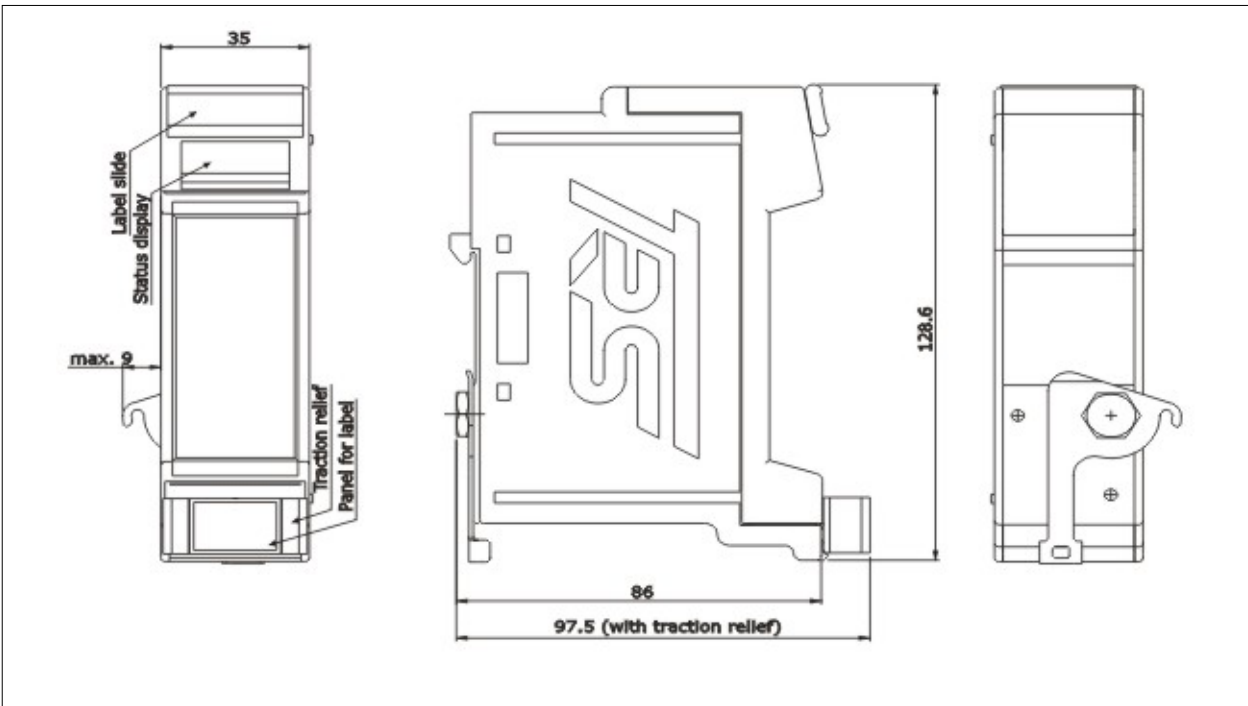
Environmental Conditions

EMC	EN 61000-4-2 (IEC-801-2) / EN 61000-4-4 (IEC-801-4)
Operating temperature [°C]	0 .. +55
Storage temperature [°C]	-20 .. +70
Humidity (rel)	98 % (non condensing)
Protection class*	IP 20 (DIN 40 050)
*The protection class is valid only with housing and connector installed	

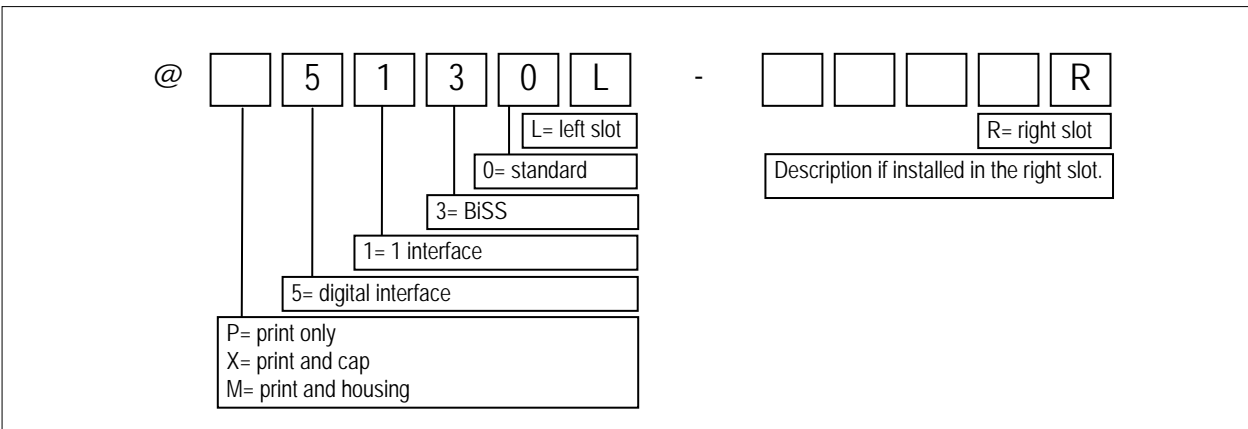
Mechanical Data PCB

Weight	approx. 0.05 kg including connector
Dimension	105mm x 80mm x 12mm

Drawing (effective if mounted in @M housing)



Ordering Key



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