DATASENSING easing automation challenges

DATALOGIC - CONTROL UNIT SG-BWS-T4

SG-BWS-T4
SG-BWS-T4 Safety Control Unit



- Up to four pairs of safe photocells
- Compact relay, only 22.5 mm enclosure
- 2 NO PNP Outputs
- Removable coded terminals

PRODUCT DESCRIPTION

Control unit allowing connection of up to four pairs of safe photocells to obtain four safe light beams for either two double-beam protective fields or one four-beam protective field.

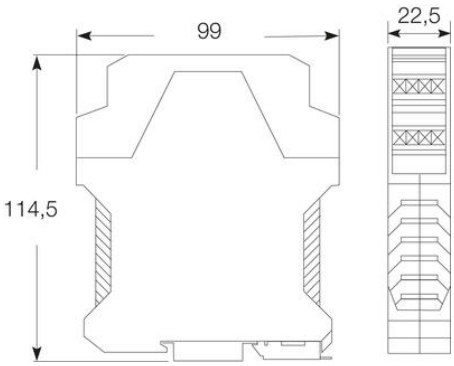
The control unit has two PNP outputs and removable, coded terminals. There is a 7 segment LED display for status and diagnostics on the front.

SPECIFICATIONS

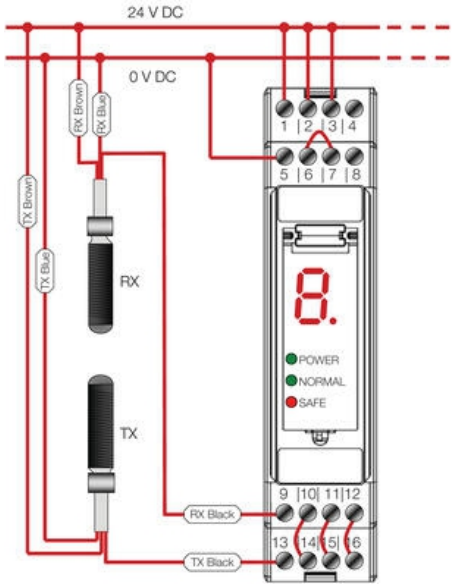
Supply voltage	24 V DC
IP Class	IP20
Temperature range to	55 °C
Temperature range from	0 °C
Temperature range bearing, to	70 °C
Temperature range bearing, from	-25 °C
Approvals	CE, TÜV

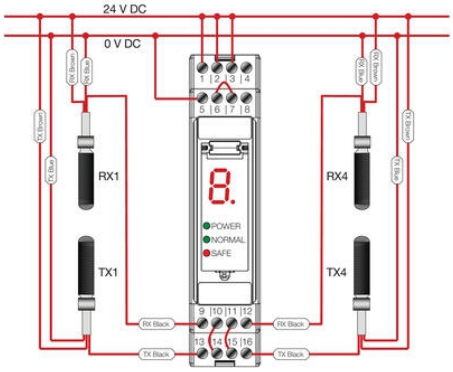
Power Consumption	2,1 W max
PL	e (EN ISO 13849-1)
SIL	3 (EN IEC 62061)
Voltage Tolerance	±15 %
T1 (Life Time In Years)	20
Cable Length Max	50 m

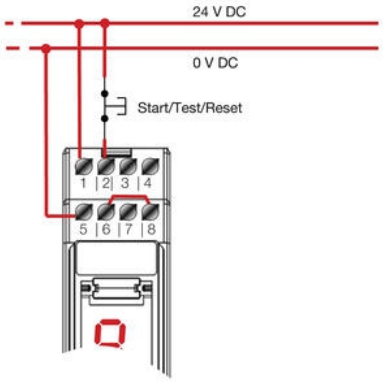
Conforming To	EMC, LVD, MD
Contact Current Max	0.5 A
DC	99 %
Mttfd	201 year

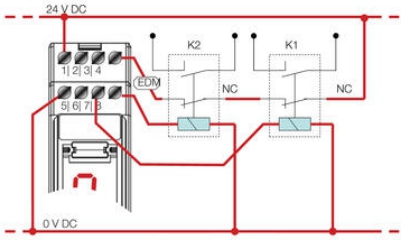


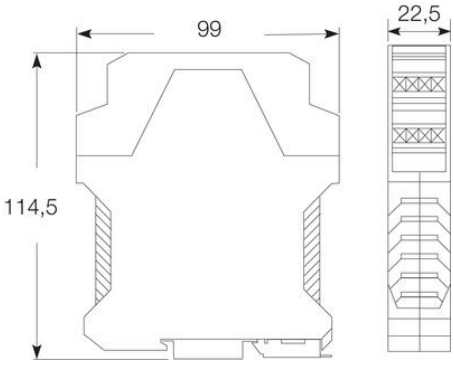




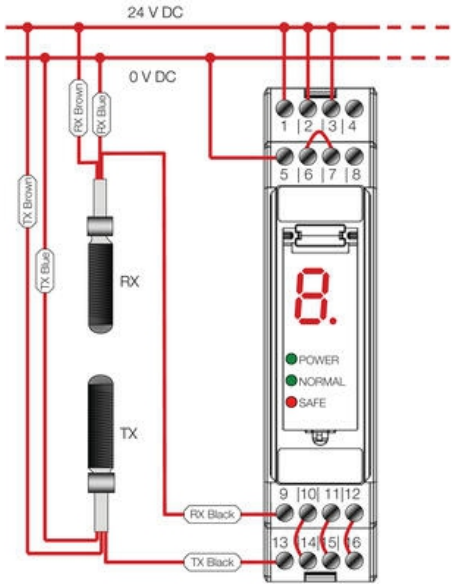


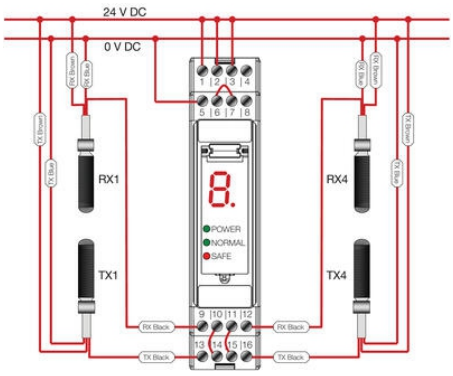


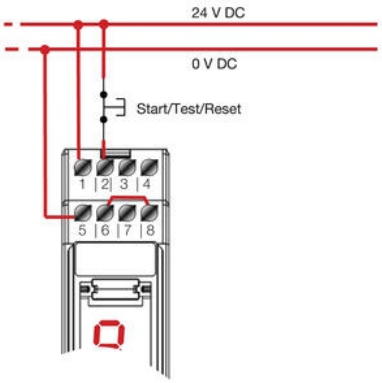


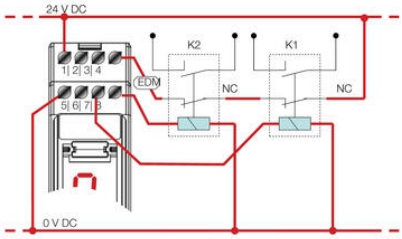



1 | 2 | 3 | 4
5 | 6 | 7 | 8
POWER
NORMAL
SAFE
9 | 10 | 11 | 12
13 | 14 | 15 | 16


24 V DC
0 V DC
RX Brown
RX Blue
TX Brown
TX Blue
RX
TX
RX Black
TX Black
POWER
NORMAL
SAFE


24 V DC
0 V DC
RX1
TX1
RX4
TX4
POWER
NORMAL
SAFE
RX Black
TX Black


24 V DC
0 V DC
Start/Test/Reset


24 V DC
K2
K1
EDM
NC
NC
0 V DC