

DATALOGIC - S80 - LASER DISTANCE SENSOR

S80-MH-5-Y19-PP
951501020 Distance Sensor 20m Analogue/RS485/2 PNP

- Sensing range of up to 7m
- Retro reflective sensing range of 20m or 100m
- 4 digit display and RS485 serial interface
- 2 PNP NO or 2 NPN NO
- 4..20 mA analogue output

PRODUCT DESCRIPTION

The S80 series is a class 2 laser distance sensor with time of flight measurement technology provides the S80-Y0 proximity sensor with a 0.3 - 4 m distance and S80-YL0 with a sensing range of 0.3 to 7 m both with scalable range. The S80-Y1 and S80-Y2 retro reflective sensors have operating distances reaching 20 or 100 m. Models with two digital outputs, both the NPN and PNP, are available together with 4-20 mA analogue output and RS485 serial interface

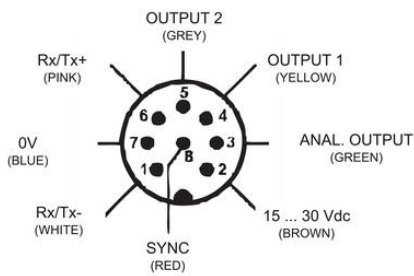
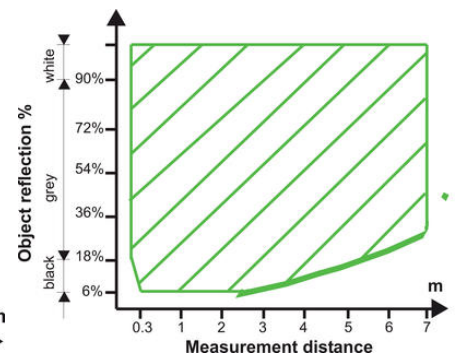
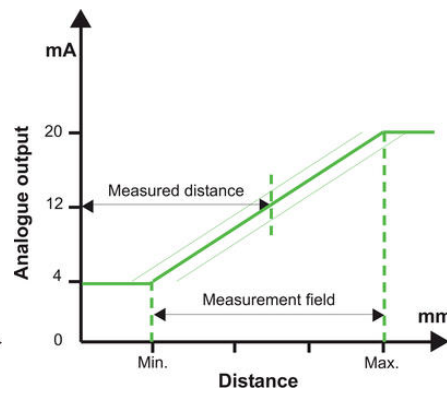
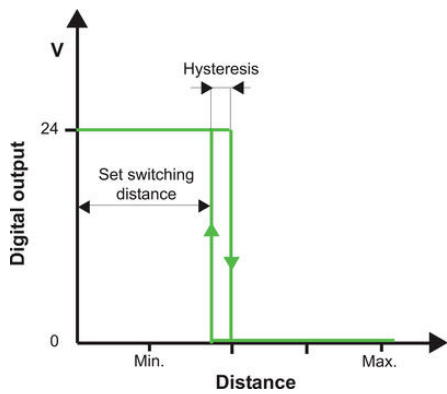
Applications:

- Level Control
- Pallet presence on stocker cranes
- Unwinding coils
- Pallet positioning
- Distance measurement of a moving pallet

TECHNICAL DATA

Approvals	CE, UL
Distance max	20000 mm
Distance min	300 mm
Electrical connection	M12 8-pin connector
IP class	IP67
LED indicator	Yes
Lens material	Glass
Light type	Red laser
Material of body	Aluminium
Output	4-20 mA, PNP

Output current max	0,1 A
Photocell technology	Retro reflective
Reaction time	5 ms
Storage temperature max	70 °C
Storage temperature min	-25 °C
Supply voltage	15-30 V DC
Temperature operational max	50 °C
Temperature operational min	-10 °C
Weight	330 g



- A Output "OR" function LED
- B Output status LED
- C Response time LED
- D 4-digit display
- E SET/ push-button
- F +/- selection push-buttons
- G Alarm LED
- H M12 connector output, orientable on 2 positions

