DATALOGIC - S62 - COMPACT PHOTOELECTRIC SENSOR

S62-PA-2-G00-XG
FOTOCELL EMITTER, CABLE

DATASENSING
easing automation challenges

- High precision with LED or Laser emission
- Standard 50 x 50 dimensions
- Embedded cable or M12 rotatable connector
- PNP, NPN, PNP/NPN or SPDT Relay output

PRODUCT DESCRIPTION

S62 photoelectric sensor line offers compact dimensions and competitive prices for all basic and advanced models. All universal optic functions are available in the standard 50 x 50 x 18 mm compact plastic housing with IP67 mechanical protection.
Laser emission models for high resolution detection are also available in polarised retro reflective, diffuse proximity and background suppression.
The sensor allows a great versatility of installations with Vac/dc multivoltage power supply and SPDT relay output, as well as 10-30 Vdc versions with PNP/NPN configurable output.
The S62 series is the first choice when looking for a photoelectric sensor, with the best price and performance ratio in a compact standard case.

Features & Benefits:
·High-resolution sensors with LED or LASER emission
·High installation flexibility
·Sensitivity/distance adjustment trimmer
·Embedded cable or M12 rotatable connector
·PNP, NPN, PNP/NPN or SPDT Relay output

Applications:
·Automatic machines
·Packaging lines
·Transportation lines
·Automatic warehouses

SPECIFICATIONS

Approvals	CE, UL
Cable length	2000 mm
Dimension (mm)	18 x 50 x 50
Distance Max	25000 mm
Distance Min	0 mm

Electrical connection	Cable 2 m
Function	Dark On/Light On
IP Class	IP67
LED indicator	Yes
Lens material	PMMA, Polycarbonate
Light type	Red LED
Material of body	ABS plastic
Output current max	0.1 A
Photocell technology	Through beam emitter
Power consumption max	0.03 A
Reaction time	1 ms
Supply voltage	10-30 V DC
Temperature range bearing, from	-20 °C
Temperature range bearing, to	70 °C
Temperature range from	-10 °C
Temperature range to	55 °C
Weight	90 g

RECEIVER

EMITTER

50 · 42 · 1.1 · 0.75 · 2 · 11 · 6 · 14

18 · 4.7 · 18.2 · 15.5 · 16 · 18x45 · M12 · Ø15

CABLE VERSION

11 · 6.18 · 18.4 · 10.7

OUTPUT LED
POWER ON LED
DISTANCE ADJUSTMENT TRIMMER
GEARED NUMERIC SCALE

Ø4

S62-A/B/C/F

A	B
ADJ
C

S62-M WITH TIMER

A	B	D
TMR	ADJ
C	E

S62-M W/O TIMER

A	B	D
ADJ
E

A Output status LED

B Stability LED or Power ON LED
(laser vers.)

C Timer adjustment trimmer

D Distance adjustment trimmer

E Geared numeric scale

F M12 connector output

G Cable output