

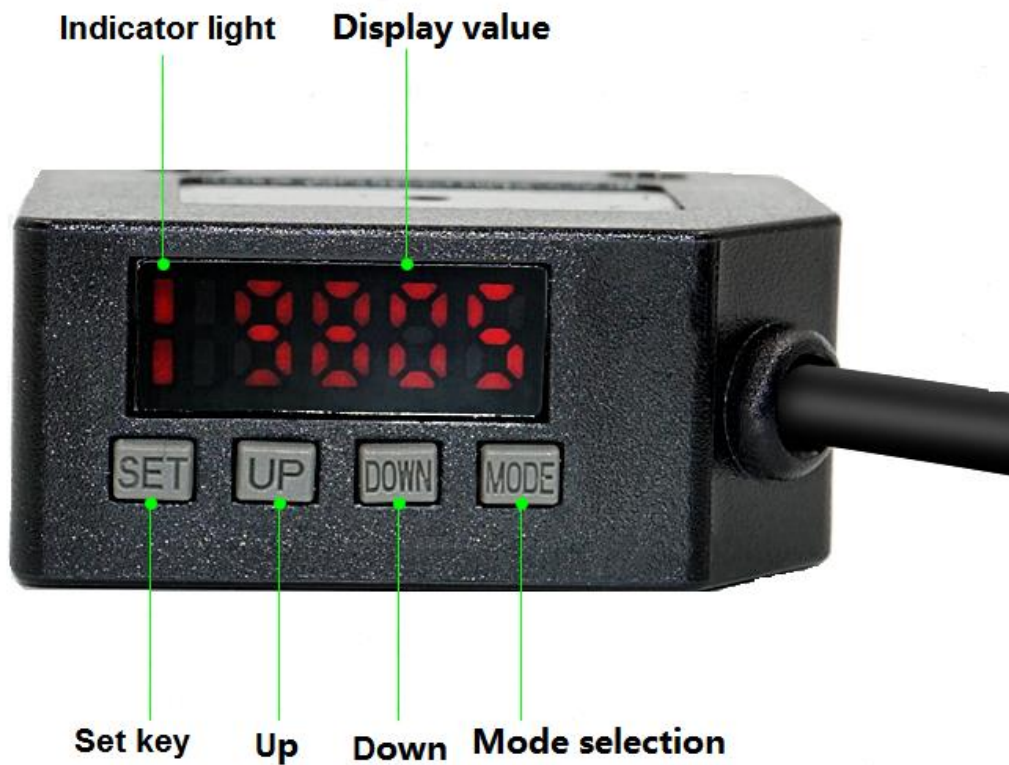
漫反射型激光光电
智能数显条形光斑
BGS-100TXS



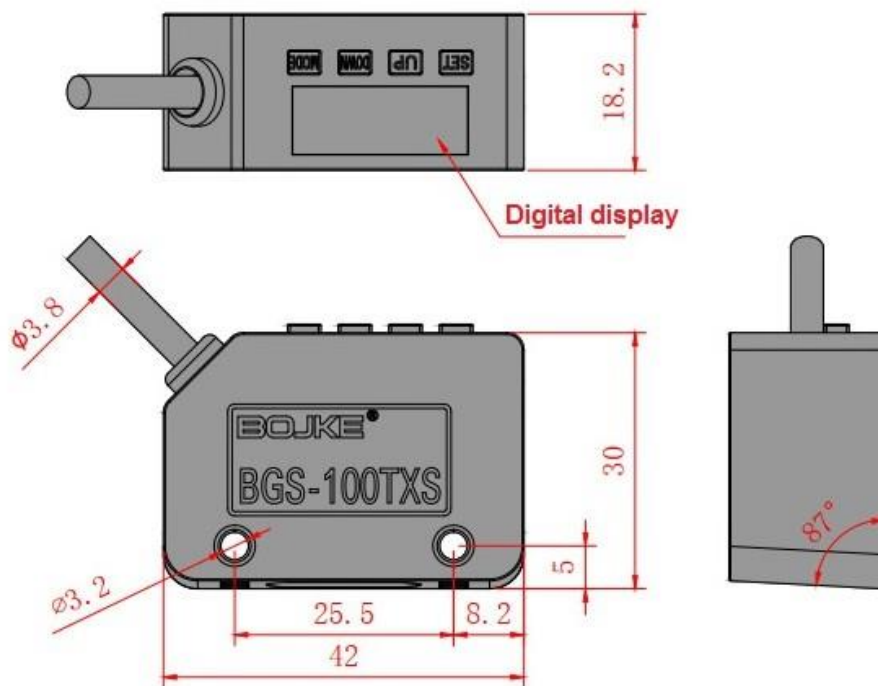
Product parameters

Model	BGS-100TXS
Output	NPN
Type	Lead out type
Outlet	One outlet
Light source	Red LED
Response time	0.5ms
Output state	LIGHT-ON/DARK-ON
Display indication	Indicator light for singular operation: set value (4-bit red LED), current value (4-bit red LED), current value displayed when powered on. Current value range: 0~4095
Testing way	Light intensity
Delay function	Turn off delay counter/turn on delay counter/turn off single delay counter/turn on single delay counter. Counter duration optional: 0.1ms-9999ms
Control output	Open collector 24V, maximum 100mA
Power supply	12-24VDC±10%, floating ratio (P-P) : maximum 10%
Work environment brightness	Incandescent lamp: maximum 20, 000 lux, sun: maximum 30, 000 lux
Lost power	Standard mode: Maximum 0.5W (24VDC)
Seismic resistance	10 to 55Hz, double amplitude: 1.5mm, X.Y.Z axis 2 hours respectively
Impact resistance	The X.Y and Z directions are 500m/S three times each
Working temperature	- 10 to 55 ° C, no ice
Shell material	polycarbonate
Relative humidity	35-85%, no ice
Weight	Approx. 50g (including 2 m)

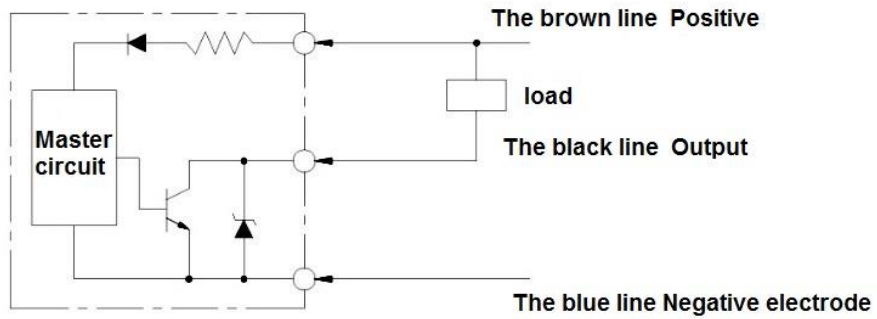
Site name



Product size

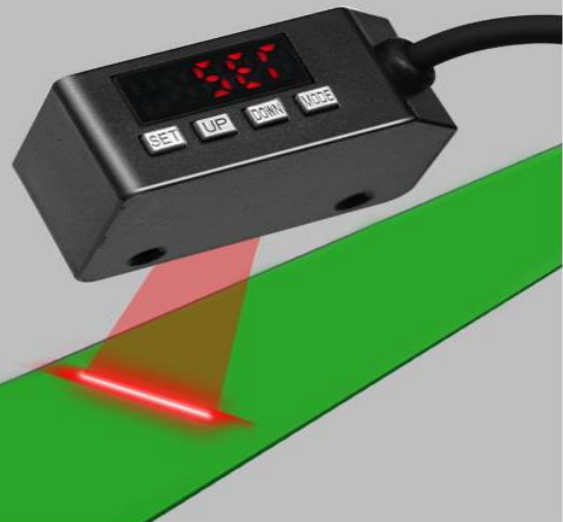


NPN Wiring diagram



① SIMPLE SETUP METHOD

PRESS SEET ONCE TO ALIGN WITH THE BACKGROUND OBJECT, AND THE SETTING CAN BE COMPLETED. BACKGROUND OBJECTS SUCH AS THE CONVEYOR BELT) SHOULD BE FLAT AND NOT FLUCTUATE UP OR DOWN BY 1MM



PRESS THE SET KEY ONCE, THE SCREEN VALUE AUTOMATICALLY FLASHES TO 300, AND THEN ANY OBJECT LARGER THAN 5MM CAN BE OUTPUT BY INDUCTION
IF YOU WANT TO ADJUST THE DEFAULT THRESHOLD OF 300 AFTER SETTING SET, YOU CAN PRESS MODE ONCE. AFTER 300 APPEARS, USE UP/DOWN TO ADJUST. AFTER SETTING, PRESS MODE TWICE TO RETURN



2

NORMALLY OPEN AND NORMALLY CLOSED SETTINGS

IF L-ON APPEARS IN MODE ONCE,
SWITCH TO D-ON BY UP DOWN,
WHICH MEANS SWITCH FROM
NORMALLY ON TO NORMALLY
CLOSED



3 DELAY OUTPUT SETTING

LONG PRESS MODE 3 SECONDS TO APPEAR IN TOFF (DELAY SETTING OFF)
USE UP DOWN TO SWITCH TO

OND (HIGH DELAY: SENSING THE PRODUCT BEFORE STARTING OUTPUT)
OFFD (AFTER SENSING THE PRODUCT, OUTPUT IT FOR A PERIOD
OF TIME)

CLICK MODE AGAIN TO ENTER THE DELAY TIME SETTING

MAXIMUM SETTING: 9999MS (10 SECONDS)

