Plastic fluted photoelectric sensor PU30S series

Features

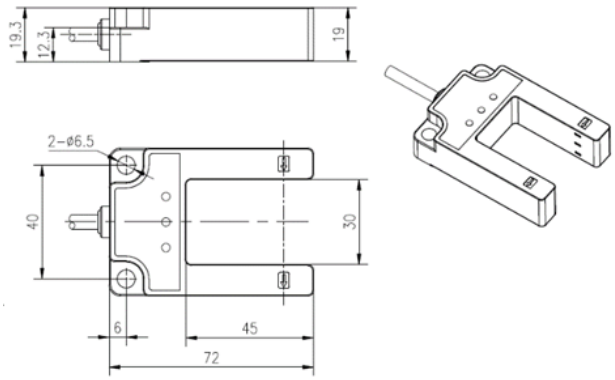
- Small size, fixed distance detection
- Adopt anti-interference algorithm design to effectively avoid cross-signal interference
- High detection accuracy and stable performance

CE

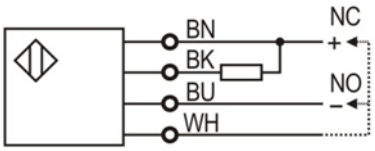
Model			
NPN NO/NC	PU30S-TDNB(Not adjustable)	PNP NO/NC	PU30S-TDPB(Not adjustable)

Specifications			
Detection type	Through beam	Protection circuit	Reverse polarity protection,overload protection
Rated distance Sn	30mm	Indicator	Power indicator:Green;Output indication:Yellow LED
Standard test body	Φ2mm Above opaque objects	Ambient temperature	-15℃...+55℃
Light source	Infrared LED	Environment humidity	35...85%RH(No condensation)
Shape specification	52 *72 *19mm	Impact withstand voltage	1000V/AC 50/60Hz 60s
Output type	NO/NC Optional(Cable selection)	Insulation resistance	≥50MΩ(500VDC)
Supply voltage	10...30 VDC	Vibration resistance	Complex amplitude 1.5mm 10...50Hz(2 hours each
Load current	≤100mA		in X,Y,Z directions)
Residual voltage	≤2.5V	Protection degree	IP66
Consumption current	≤15mA	Material	PC/ABS
Response time	Action and reset less than 0.6ms	Connection type	2m PVC cable

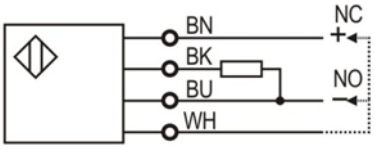
Dimensions



Circuit Diagrams



NPN NO/NC



PNP NO/NC

* Lanbao reserves all the rights