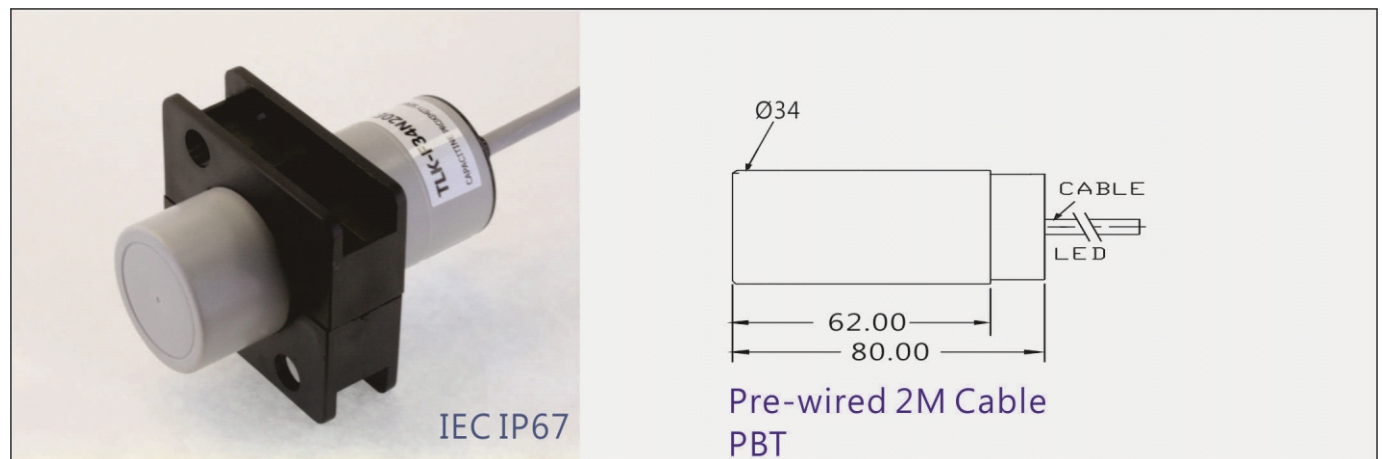# KFPS

# Capacitive Proximity Sensors

## Ø34 Series

Can detect metal, non metal, glass, liquid, plastic, silicone chip, powder...etc.
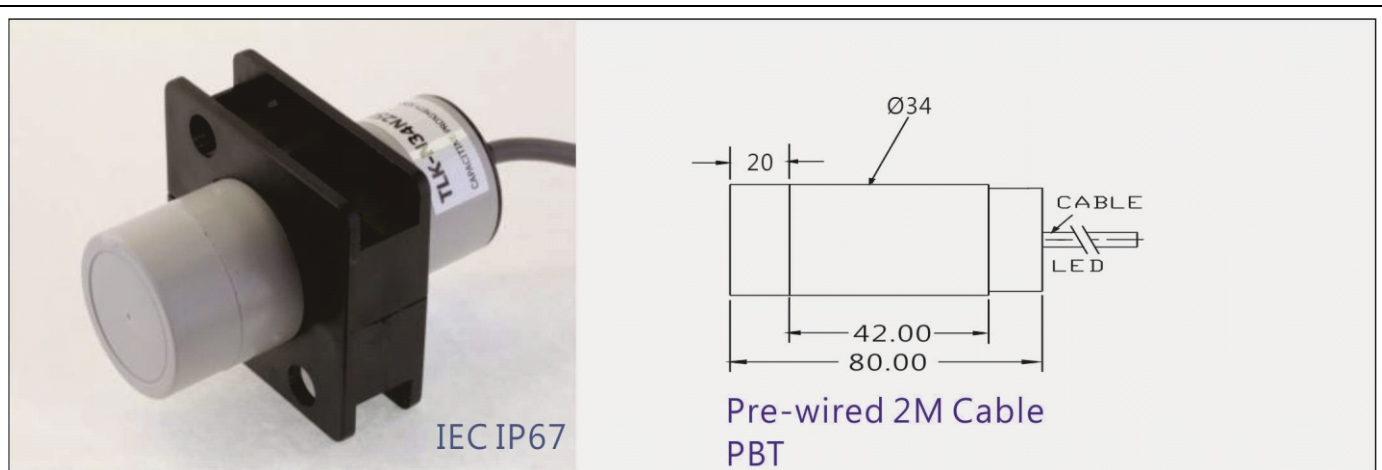Equipped with sensitivity adjuster which can set distance effectively.
Variety of specification、switching output and wide range application.
Good environmental resistance up to IP67.
All products are CE approved.



IEC IP67

Pre-wired 2M Cable
PBT

| Switching Output | Model Number | Operating Voltage | Response Frequency | Sensing Distance |
|---|---|---|---|---|
| DC 3-Wire NPN NO | TLK-F34N20E1 | DC 10~30V | 20Hz | 20mm |
| DC 3-Wire PNP NO | TLK-F34P20E1 | | | |
| AC 2-Wire SCR NO | TLK-F34A20E1 | AC 24~240V | 10Hz | |

| Item | Specifications |
|---|---|
| Standard sensing object | Iron, 40×40×1 mm |
| Installation | Shielded |
| Load current | DC 3 Wire ≦200mA、AC 2 Wire ≦300mA |
| Operation indicator | Red LED |
| Circuits protection | Short circuit protection |
| Ambient temperature & humidity range | Operating：-20 ~ 70℃ / RH 35 ~85% (with no icing or condensation) |



IEC IP67

Pre-wired 2M Cable
PBT

| Switching Output | Model Number | Operating Voltage | Response Frequency | Sensing Distance |
|---|---|---|---|---|

| DC 3-Wire NPN NO | TLK-N34N25E1 | DC 10~30V | 15Hz | |
|---|---|---|---|---|
| DC 3-Wire PNP NO | TLK-N34P25E1 | | | 25mm |
| AC 2-Wire SCR NO | TLK-N34A25E1 | AC 24~240V | 10Hz | |
| Item | Specifications | | | |
| Standard sensing object | Iron, 64×64×1 mm | | | |
| Installation | Unshielded | | | |
| Load current | DC 3 Wire≦200mA、AC 2 Wire≦300mA | | | |
| Operation indicator | Red LED | | | |
| Circuits protection | Short circuit protection | | | |
| Ambient temperature & humidity range | Operating：-20 ~ 70℃ / RH 35 ~85% (with no icing or condensation) | | | |

# Wiring Diagram：



DC-3wire NPN NO    DC-3wire PNP NO    AC-2wire NO

◎ Design and specifications are subject to change without prior notice.