

# LeakPro® — PES Series

## Photoelectric Sensor



- ✓ Precision Leak Detection
- ✓ Ideal for Non-Conductive Liquids
- ✓ Rugged Industrial Design

The **LeakPro® PES Series** Photoelectric Sensor delivers precise and fast leak detection for industrial automation and process control. With high response frequency and multiple connection options, it provides unmatched reliability and is available in both plate steel and plastic versions.

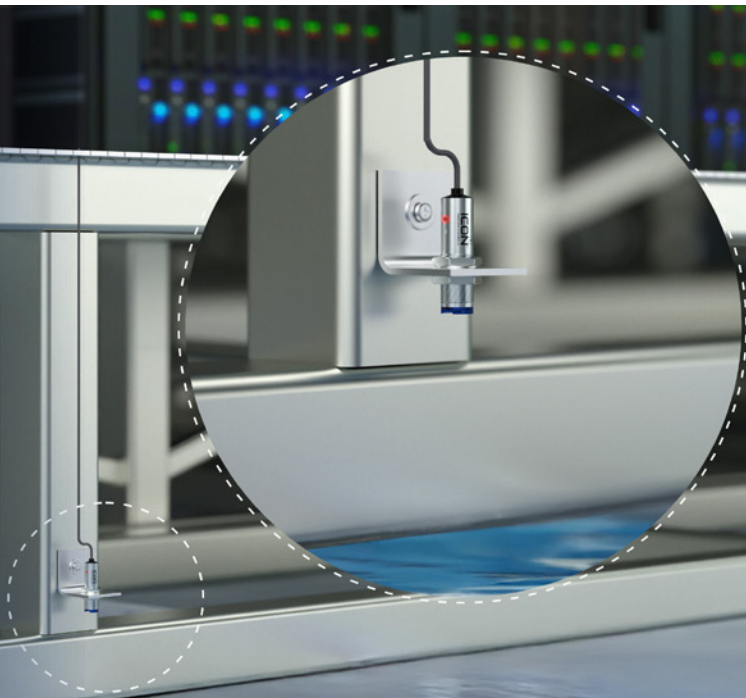
### Specifications

|                     | PES-40                             | PES-30    |
|---------------------|------------------------------------|-----------|
| Detection Type      | Diffuse Reflection                 |           |
| Sensing Range       | 0 - 40cm                           | 10 - 30cm |
| Supply Voltage      | 10~30 VDC                          | 6~30 VDC  |
| Response Frequency  | 600Hz                              | 500Hz     |
| Current Consumption | 30mA                               |           |
| Load Current        | 200mA                              | 300mA     |
| Residual Voltage    | <1V                                |           |
| Circuit Protection  | Short Circuit, Polarity Protection |           |
| Material            | Plated Steel                       | PBT       |
| Protection Class    | IP66                               | IP67      |
| Connection          | PVC Cable                          | PVC Cable |
| Output              | NPN   PNP   NO   NC                | NPN   NO  |

# LeakPro®

## Reliable Detection, Zero Compromise

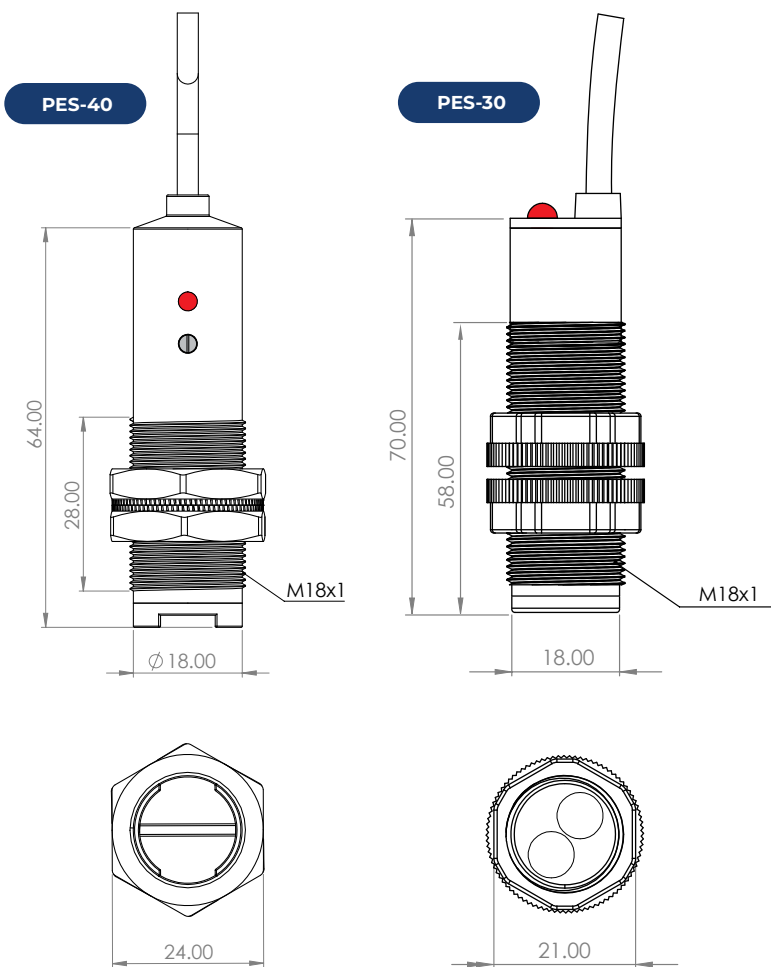
Smart detection built to protect your datacenter from water and coolant leaks.



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### Dimensions (mm)



### 6. Model Selection

| PES Series – Photoelectric Sensor |                          |             |              |
|-----------------------------------|--------------------------|-------------|--------------|
| Part Number                       | Sensing Range            | Output      | Material     |
| PES-40-N-S                        | 0 - 40cm   0 - 15.7in    | NPN   NO/NC | Plated Steel |
| PES-40-P-S                        | 0 - 40cm   0 - 15.7in    | PNP   NO/NC | Plated Steel |
| PES-30-N-P                        | 10 - 30cm   3.9 - 11.8in | NPN   NO    | PBT          |

### Wiring

| PES-40 (4-Wire) |             |
|-----------------|-------------|
| Wire Color      | Description |
| Brown           | +VDC        |
| Blue            | -VDC        |
| Black           | Pulse       |
| White           | NO   NC     |

| PES-30 (3-Wire) |             |
|-----------------|-------------|
| Wire Color      | Description |
| Brown           | +VDC        |
| Blue            | -VDC        |
| Black           | Pulse   NO  |

