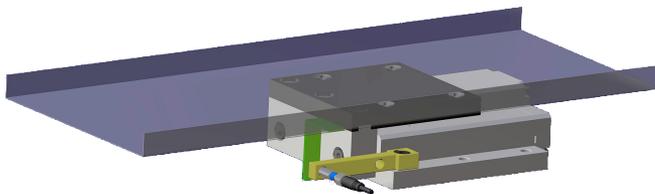


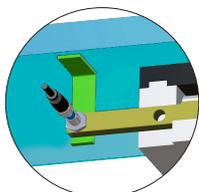
## System description and specifications

Safety device designed for the continuous supervision of the vibration cycle in pneumatic conveyor systems. The sensor detects actual physical movement, allowing the conveyor to be integrated into the press safety circuit.

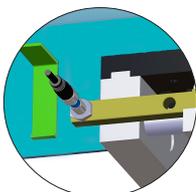
- **Comprehensive Monitoring:** Direct supervision of the conveyor drive unit or the transport tray.
- **Failure Detection:** Immediate identification of motion loss due to conveyor malfunction, fastening element failure, or loss of pneumatic pressure, etc.
- **Signal Output:** when the on/off signal is lost from the sensor, it enables a stop signal to be sent to the press or an alarm activation upon any interruption of the transport tray's movement.
- **Functionality:** Verification of physical movement independent of air line pressure controls.



## Checking the groove

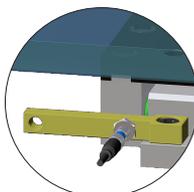


Rear position

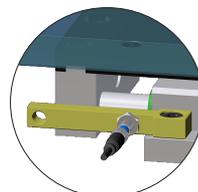


Front position

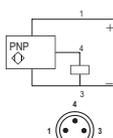
## Checking the conveyor



Rear position



Front position

**Sensor DRP-1**

**TECHNICAL INFORMATION**

|                          |               |
|--------------------------|---------------|
| Type                     | PNP           |
| Function                 | Normally open |
| Nominal sensing distance | 2 mm          |
| Supply voltage           | 12 ... 24 VDC |
| Switching capacity       | 200 mA        |

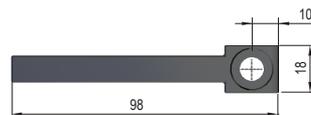
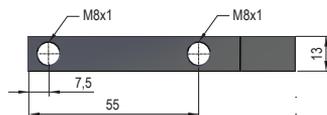
**How to order**
**DRP-1 - R**

Code    Connector



Connectors

Length of the cable 2m, 5m, 10m

**Sensor flange TPTN-SI**


| Pneumatic Part Conveyor model | Flange reference |
|-------------------------------|------------------|
| TPTN-18                       | <b>TPTN-SI</b>   |
| TPTN-25                       |                  |
| TPTN-35                       |                  |
| TPTN-65                       |                  |