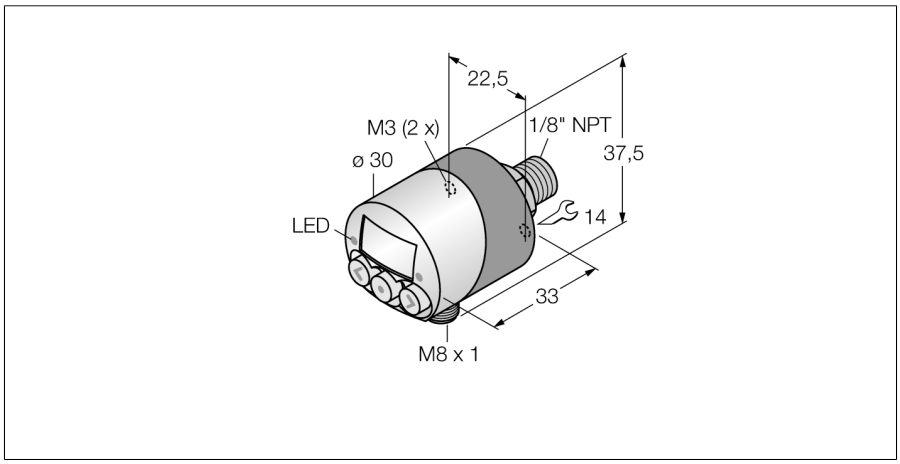
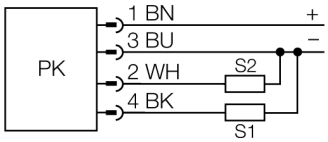
Pressure Sensor
2 PNP transistor switching outputs
PK010R-N14AL-2UP8X-V1141



- **Compact design**
- **Pressure and vacuum monitoring**
- **Display rotatable by 180°**
- **Excellent EMC properties**
- **Pressure range 0…10 bar rel.**

Wiring Diagram



Type designation	PK010R-N14AL-2UP8X-V1141
Ident-No.	6833012
Storage temperature	-20…+85 °C
Operating voltage	10.8…30 VDC
Short-circuit protection	yes
Output 1	Switching output
Output 2	switching output
Design	With display
Housing material	Aluminium, Al/PVC
Electrical connection	Connector, M8 × 1
Shock resistance	10 g (11 ms)
Protection class	IP65
Packaging unit	1
Switching state	2 × LEDs,Red/Green

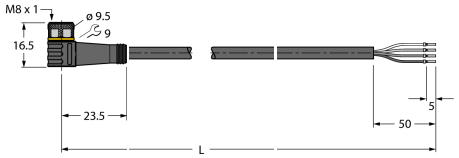
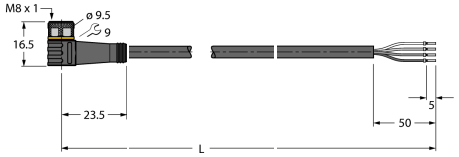
Functional principle

The pressure transmitters of the PK series operate with a silicon measuring cell. Through the pressure applied on the silicon, a pressure proportional signal is generated and electronically processed . The processed signal is made available as switching output. The sensors are intended only for use in non-aggressive gas and compressed air applications. With lubricated compressed air, the pressure connection should point downwards

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Pressure Sensor
2 PNP transistor switching outputs
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Wiring accessories

Type code	Ident-No.	Description	
PKG4M-2/TXL	6625553	Connection cable, female M8, straight, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com	
PKW4M-2/TXL	6625559	Connection cable, female M8, angled, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com	
PKG4M-2/TEL	6625061	Connection cable, female M8, straight, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com	
PKW4M-2/TEL	6625067	Connection cable, female M8, angled, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com	

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