

# P Pressure transmitter KLPT-WH



MOBILE



INDUSTRIAL



## FEATURES

- Compact OEM-size.
- Thinfilm sensor element.
- Welded and sunk sensor prevents oil ingress.
- Completely made of stainless steel.
- Integrated CDS damping system protects against pressure peaks and cavitation.
- High resistance against shocks, vibration and thermal peaks.
- High weather protection rated to IP-67.
- Excellent price/quality ratio.
- Available from stock.

# PRESSURE TRANSMITTER KLPT-WH

The thinfilm sensor element is manufactured using high quality stainless steel and sputtering technology, making it extremely suitable for dynamic hydraulic systems.

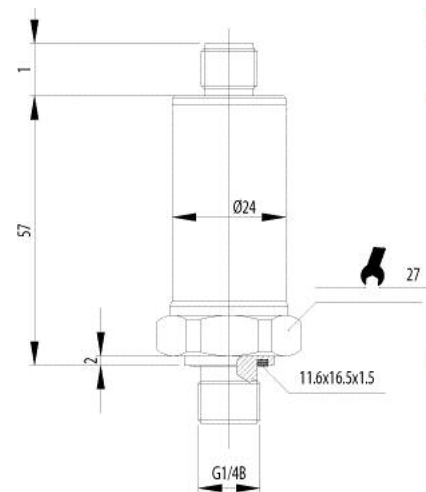
The KLPT-WH pressure transmitter can be used in the mobile and industrial market and is specifically designed for O.E.M.'s and general hydraulic industries. Despite its compact size, the integrated CDS damping system (protects against pressure peaks and cavitation) and special internal construction provides high resistance against shock loads, vibration and thermal peaks. With the welded sensor feature, the unit meets IP-67 weather protection and provides an excellent price/quality ratio.

## SPECIFICATIONS

■ Pressure range	: 0-25 bar upto 0-600 bar
■ Over pressure safety	: 2 x pressure range
■ Pressure connection	: G1/4" according to DIN 3852-E, provided with CDS damping system
■ Electrical connection	: M12 x 1 connector, 4-pin
■ Material	: stainless steel
■ Power supply	: 10-30 VDC
■ Output signal	: 4-20 mA, 2-wire
■ Respon time (10...90%)	: ≤ 5 ms
■ Accuracy	: ≤ 0,5% FSD (BFSL)
■ Repeatability	: ≤ 0,1% FSD
■ 1-year stability	: ≤ 0,2% FSD
■ Max. permissible temperature	
- medium	: -40 / +125°C
- ambient	: -30 / +85°C
■ Compensated temperature range	
- zero	: ≤ 0,3% FSD per 10°C
- span	: ≤ 0,2% FSD per 10°C
■ Shock resistance	: 1.000 g
■ Vibration resistance	: 20 g
■ Weather protection degree	: IP-67
■ Weight	: approx. 200 gram

## SIZES

Case with M12 x 1 connector  
Pressure connection G1/4" according to DIN 3852-E



## OPTIONS

DIN 43650-C connector, IP-65

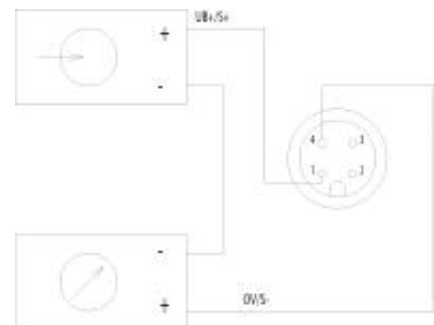


Flying lead, IP-69K



## ELECTRICAL CONNECTION

4-20 mA, 2-wire with M12 x 1 connector



KOPPEN & LETHEM