



KYN01 Brake Indicator

Description

The main function of this switch is to measure piston movement and send out the Alarm signal. The surveying rod touches and moves with the measured surface. The output signal will be changed when the surveying rod reach at the warning point 1/2 and the switch will send corresponding control signal.



Applications

The indicator is supplied with pre-set switch points to suit the specific brake type and selected pad wear level.

Features

The brake indicator is available in 10~36VDC only. The indicator can be delivered with different cable types (non-shielded, shielded or without cable), different cable lengths (5, 10,15m) and M12 plug (angle or straight).

Product Approval:

KYN01 brake indicator has been successfully by the relevant agencies CE certification and 3500V resistance voltage insulation test third party inspection certificate.

Specifications

Operating Temperature	-40~+80℃
Voltage supply	10~36VDC
Maximum load current	100mA
Switching tolerance	±0.3mm
Max. stroke	18mm
Protection grade	IP65(mounted)
Max Tightening torque G1/2	20Nm
Max Tightening torque M12	1.5Nm
Max no. of operations	1million
Cable Dimensions	PUR 5*0.2mm ²
Spanner size	24mm

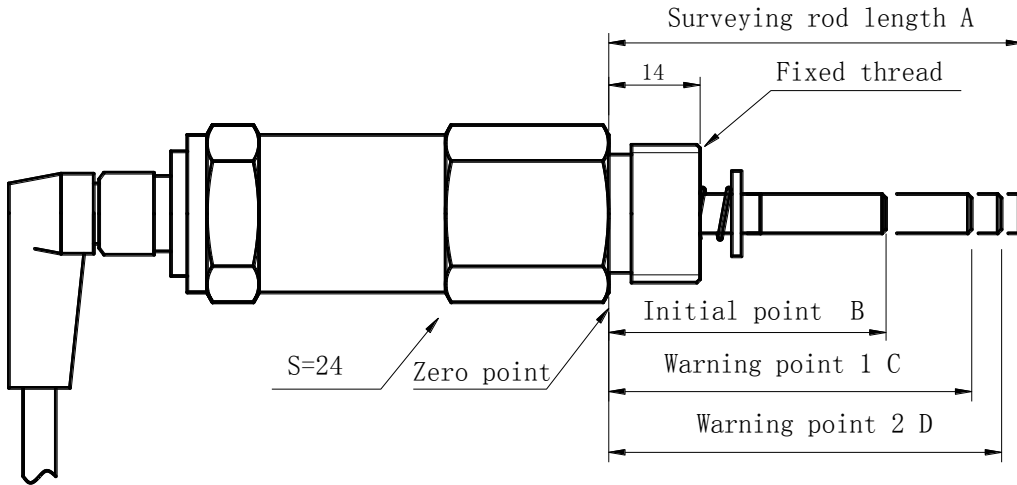
Application Description

KYN01 switch indicator is used for monitoring the status of the brake/brake pad:”prepad worn “(Brake pad almost



worn) and “pad worn”(Pad replacement required). When the indicator is fitted to the brake a plunger/extender pin (if fitted) extends through a hole in the yoke and touches the brake pad (active brakes) or through the endcap and touches the push rod and detects the range of wear (AWA brake).

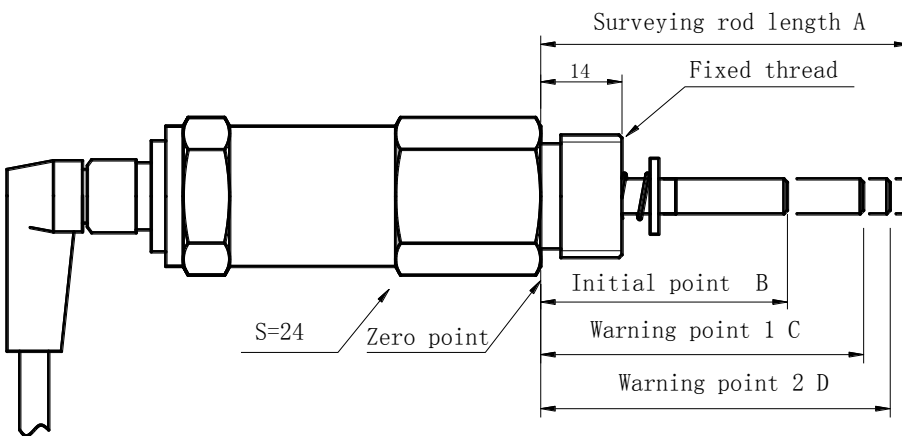
Product Diagram:



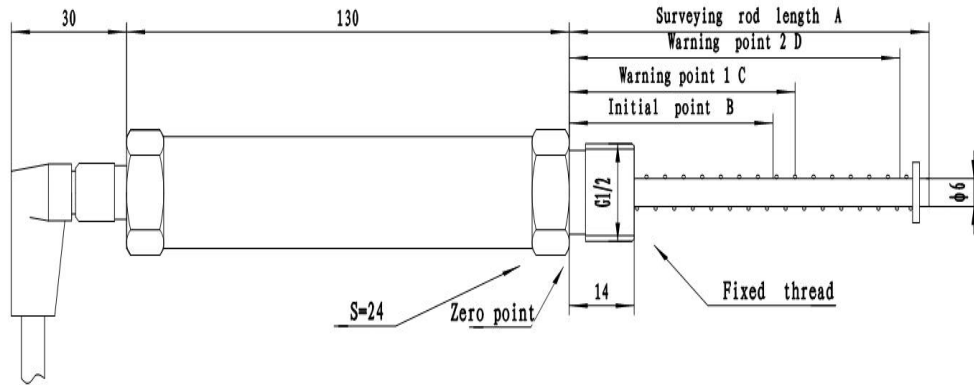
Surveying rod length A (mm)	Initial point B (mm)	Warning point 1 C(mm)	Warning point 2 D(mm)

The switch has 5 pins, when the switch on off working state, pin 1 and 4 NC, pin 2 and 3 NC, pin 2 and 5 NO. when the probe arrive at the Warning point 1, pin 1 and 4 NC, pin 2 and 3 NC, pin 2 and 5 NO. when the probe arrive at the Warning point 2, pin 1 and 4 NO, pin 2 and 3 NO, pin 2 and 5 NC.

Product Dimension:

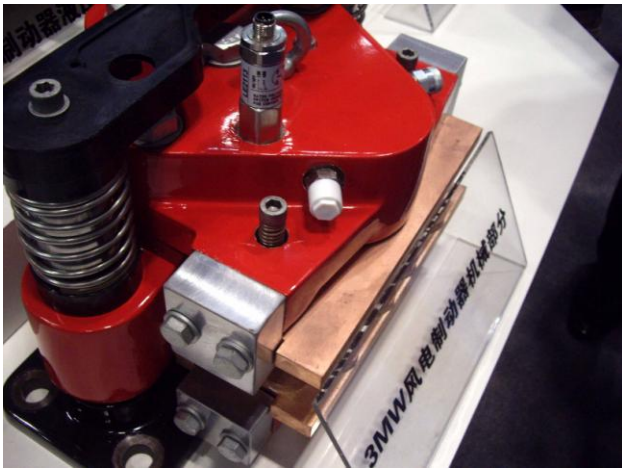


KYN01-B Brake Indicator



K YN01-E Brake Indicator

Application Picture:



Applied the KYN01-B to the Brake indicator



Applied the KYN01-E to the rotor lock

Gross weight: KYN01-B: 0.4kg

KYN01-E: 1 kg

Net weight: KYN01-B: 0.2kg

KYN01-E: 0.5kg

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