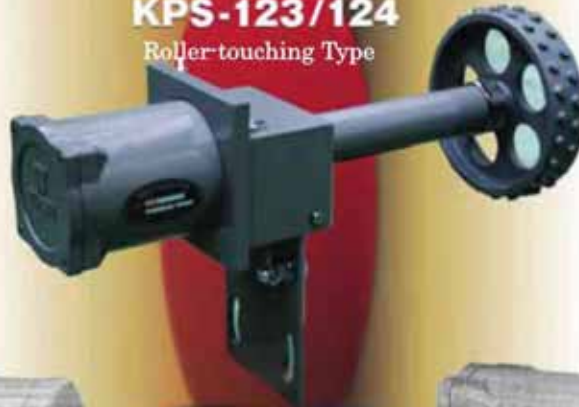




SPEED DETECTOR
KPS
SERIES

SPEED DETECTOR

KPS-123/124
Roller-touching Type



Reliably Catch Changes
of Conveyor Speed



KPS-11
Photo Sensor Type



KPS-21
Proximity Sensor Type



KPS-11 PHOTO SENSOR TYPE

● Features

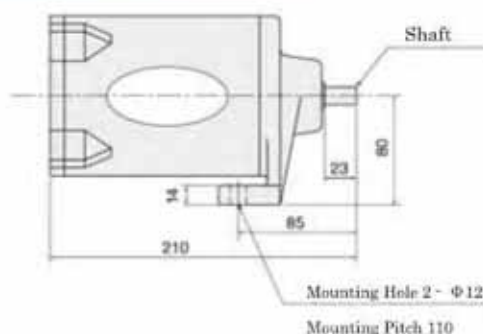
1. It can detect to the high accuracy with a digital control system adopted.
2. You can arbitrarily set up the operating speed in the range of 3000 - 2000rpm. Accordingly it can widely be applied.
3. The response time is fast, and the time lag of output signal is about 5 seconds.
4. The built-in startup compensation timer makes it possible to set up the startup compensation of about 90 seconds at the maximum.



Directly Connected to Shaft
 Reliably Monitoring Rotating Speed

● Specifications

Instrument Power	: 105VAC/210VAC ±10% 50/60Hz
Power Consumption	: 2.5VA
Output Contact	: SPDT 250VAC 8A, 30VDC 8A
Tolerable Speed	: below 2000rpm
Setup Range	: 3000 - 2000rpm
Measurement Error	: 2rpm
Start-up Compensation Timer	: 0 - 90 seconds at the maximum
Instrument Tolerable Temperature	: -10°C - 60°C (No condensation)
Instruments Structure	: IP54 or equivalent
Conduit Connection	: G3/4
Painted Color	: Munsell N6



KPS-21 PROXIMITY SENSOR TYPE

● Features

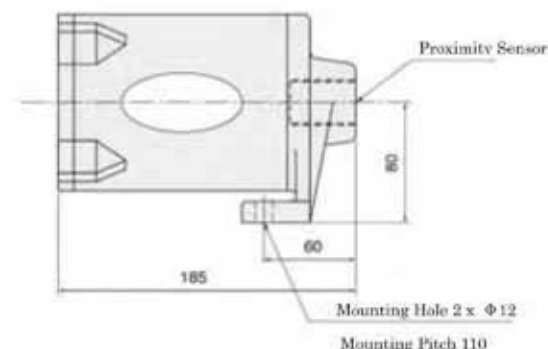
1. It can detect to the high accuracy with a digital control system adopted.
2. You can arbitrarily set up the operating speed in the range of 3000 - 2000rpm. Accordingly it can widely be applied.
3. Because a proximity sensor is used as a sensing element, it can certainly operate in the discretionary detecting distance less than 8mm. Its operating life is longer because there is no moving part.
4. The built-in startup compensation timer makes it possible to set up the startup compensation of about 90 seconds at the maximum



Non-contact Type, Easy to Handle,
 Reliably Monitoring Rotating Speed

● Specifications

Instrument Power	: 105VAC/210VAC ±10% 50/60Hz
Power Consumption	: 2.5VA
Output Contact	: SPDT 250VAC 8A, 30VDC 8A
Tolerable Speed	: below 2000rpm
Setup Range	: 3000 - 2000rpm
Measurement Error	: 2rpm
Start-up Compensation Timer	: 0 - 90 seconds at the maximum
Instrument Tolerable Temperature	: -10°C - 60°C (No condensation)
Instrument Structure	: IP54 or equivalent
Conduit Connection	: G 3/4
Painted Color	: Munsell N6



Preventing Motor and other Components from being Damaged or Burnt out

KPS-123/124 ROLLER-TOUCHING TYPE

● Features

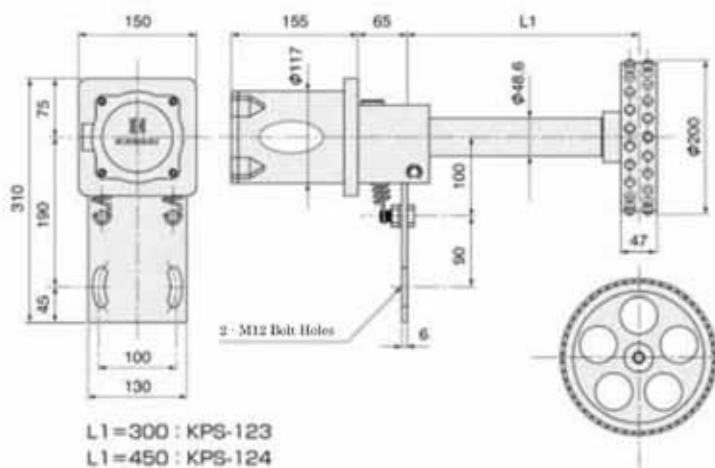
1. It can detect to the high accuracy with a digital control system adopted.
2. You can arbitrarily set up the operating speed in the range of 3000 – 2000rpm. Accordingly it can widely be applied.
3. The response time is fast, and the time lag of output signal is about 5 seconds.
4. The built-in start-up compensation timer makes it possible to set up the start-up compensation of about 90 seconds at the maximum.
5. Detecting the belt speed in having the roller directly contact the belt, it can accurately catch the changes of its speed.



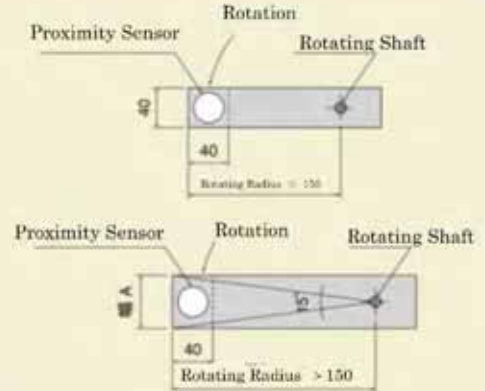
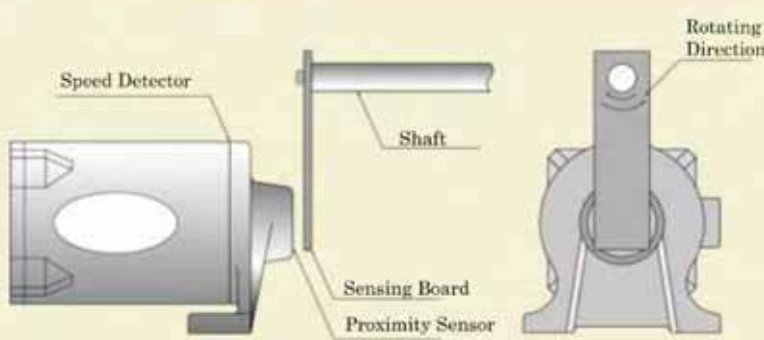
Easy Fixing, Catching
Conveyor Movements Reliably

● Specifications

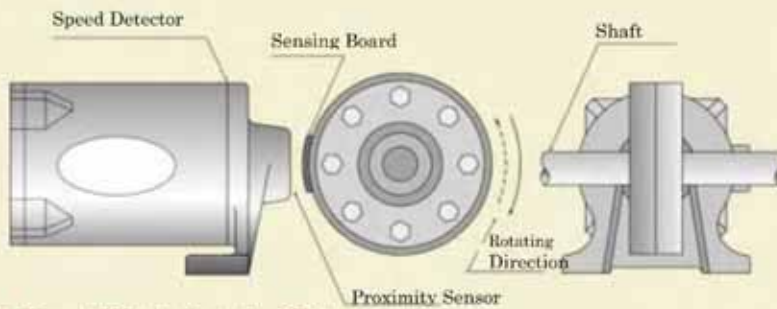
Instrument Power	: 105VAC/210VAC ±10%
	50/60Hz
Power Consumption	: 2.5VA
Output Contact	: SPDT 250VAC 8A,
	30VDC 8A
Tolerable Speed	: below 2000rpm
Setup Range	: 3000 – 2000rpm
Measurement Error	: 2rpm
Start-up Compensation Timer	: 0 – 90 seconds
	at the maximum
Instrument Tolerable Temperature	: -10°C – 60°C
	(No condensation)
Instrument Structure	: IP54 or equivalent
Conduit Connection	: G 3/4
Painted Color	: Munsell N6



KPS-21 Mounting Examples

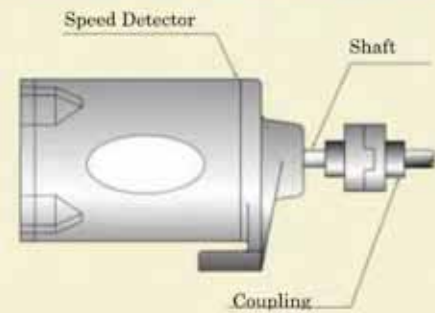


■ Mounting the device that runs parallel to the Shaft

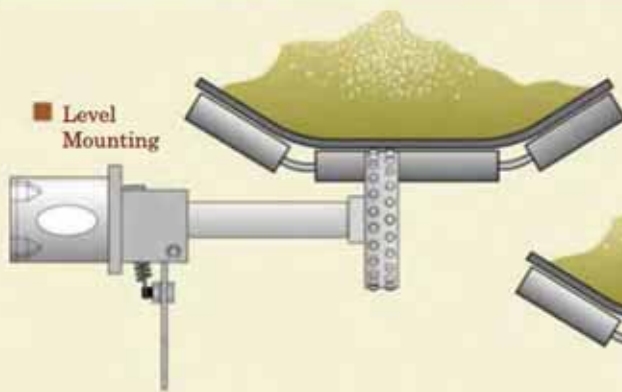


■ Mounted Vertically to the Shaft

KPS-11 Mounting Examples



KPS-123/124 Mounting Examples



※予告なく仕様変更することがありますので予めご了承下さい。

Specifications and descriptions of this catalog are subject to change without notice for improvement.

■ 営業品目 HANDLING ITEMS

- ① 回転式レベルスイッチ
Rotary Paddle Type Level Switch
- ② 振動式レベルスイッチ
Vibration Type Level Switch
- ③ 音波式レベルスイッチ
Acoustic Level Switch
- ④ 静電容量式レベルスイッチ
Capacitance Type Level Switch
- ⑤ 静電容量式近接センサ
Capacitive Proximity Sensor
- ⑥ 静電容量式レベルメータ
Capacitance Type Level Indicator
- ⑦ ダイアフラム式レベルスイッチ
Diaphragm Type Level Switch
- ⑧ チルトスイッチ
Tilt Switch
- ⑨ リーク式レベルスイッチ
Leak Type Level Switch
- ⑩ マイクロウェーブスイッチ
Microwave Switch

- ⑪ サウンディング式レベルメータ
Sounding Tube Type Level Indicator
- ⑫ フロースイッチ
Flow Switch
- ⑬ 電極式レベルスイッチ
Electrode Type Level Switch
- ⑭ フロートスイッチ
Float Switch
- ⑮ フロート式レベルメータ
Float Type Level Indicator
- ⑯ 超音波式レベルメータ
Ultrasonic Type Level Indicator
- ⑰ コンベア周辺機器
Equipment For Conveyor Lines
- ⑱ ダストモニタ
Dust Monitor
- ⑲ レーザー式レベルメータ
Laser Type Level Indicator
- ⑳ 電波式レベルメータ
Radio Type Level Indicator
- ㉑ 液体分析オンラインセンサ
On-Line Sensors for Accurate Liquid Analysis

Nuclear Power Generation to Rice Milling
All-round Manufacturer of Level Controllers for Powder, Granules and Liquid

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代理店 / Agent

ご使用に際しては取扱説明書を必ずお読み下さい。

Please surely read the instruction manual when you operate instruments.