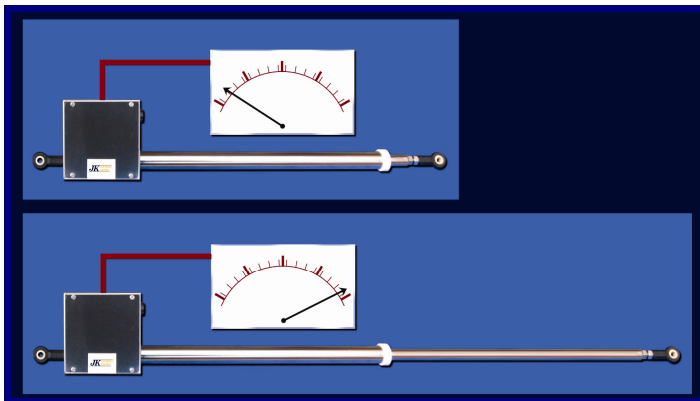


The JK Position Sensor

Telescopic Position Sensor

This range of position transducers will measure linear movement of a valve, actuator, damper, weir, penstock or any moving device and provide a current, voltage or resistive feedback signal proportional to position.



- **Protected Position Sensor**
- **Protection Class: IP65**
- **Measurement Range:
Up to 0 –2000 mm**
- **Output: Current, Voltage or
Resistive**

The transmitter uses a rotary potentiometer as the variable element. A coated steel wire, fixed within the telescopic arm, is wound onto a pulley wheel with a constant force spring arrangement for wire retraction. Versions are available ranging up to 2000 mm, with either three wire resistive, two wire current (4-20mA) signal or 4 wire voltage (0-10 Volt, + supply voltage) output.

Standard Features

Robust stainless steel construction.

Waterproof breather to compensate for internal pressure changes, (in very harsh environments this can be piped out to clean atmosphere)

Low friction bearings and shaft seal.

Internal magnet (to energise optional external limit switches).

Four core flexible screened cable, length 2 metres.

Customer calibration facility for current and voltage versions.

0.1% repeatability.

Installation

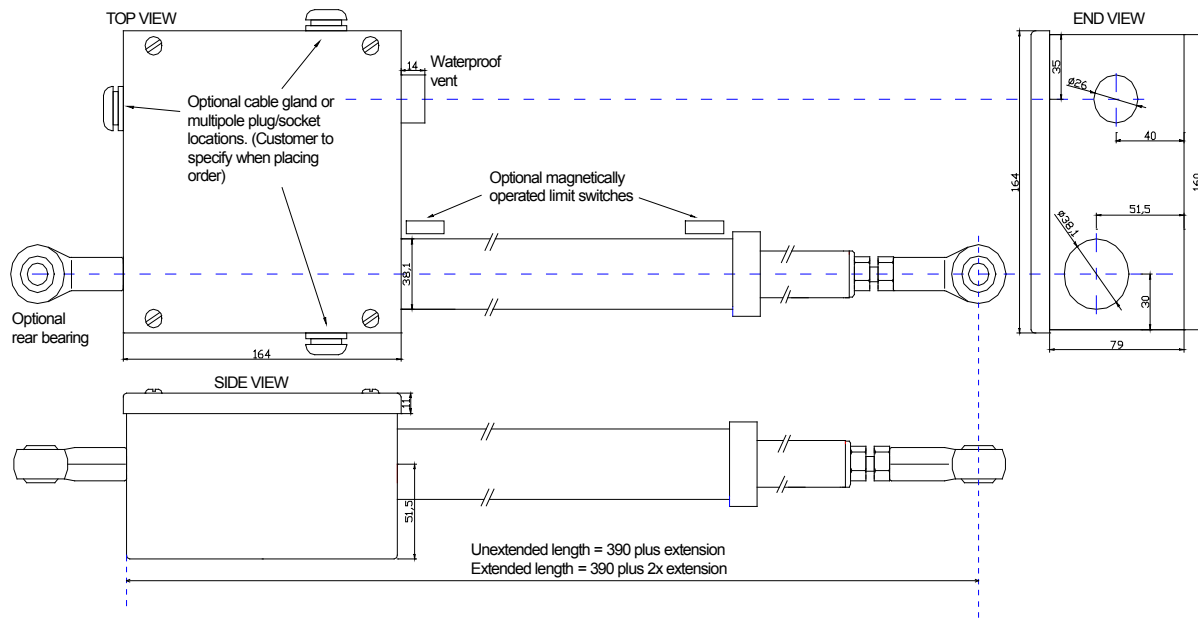
JK Controls offer an application design and fitting service that ensures your installation is carried out efficiently and accurately. We can provide special design mounting hardware for your application and include installation and cabling services as necessary. We are able to supply associated instrumentation e.g. digital instruments, logging, control, telemetry applications etc. We can also offer a complete design, supply, installation and commissioning service for your application.

Tel. +44 (0) 2380 892021 Fax. +44 (0) 2380 897950

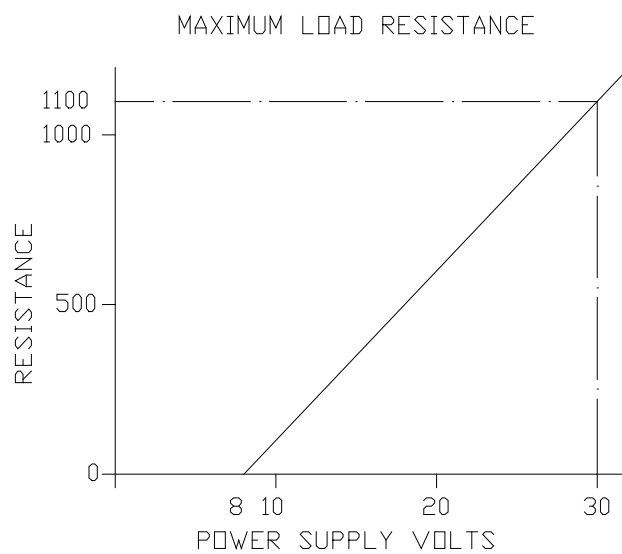
Email. engineering@jkcontrols.co.uk Web. www.jkcontrols.co.uk

Dimensions

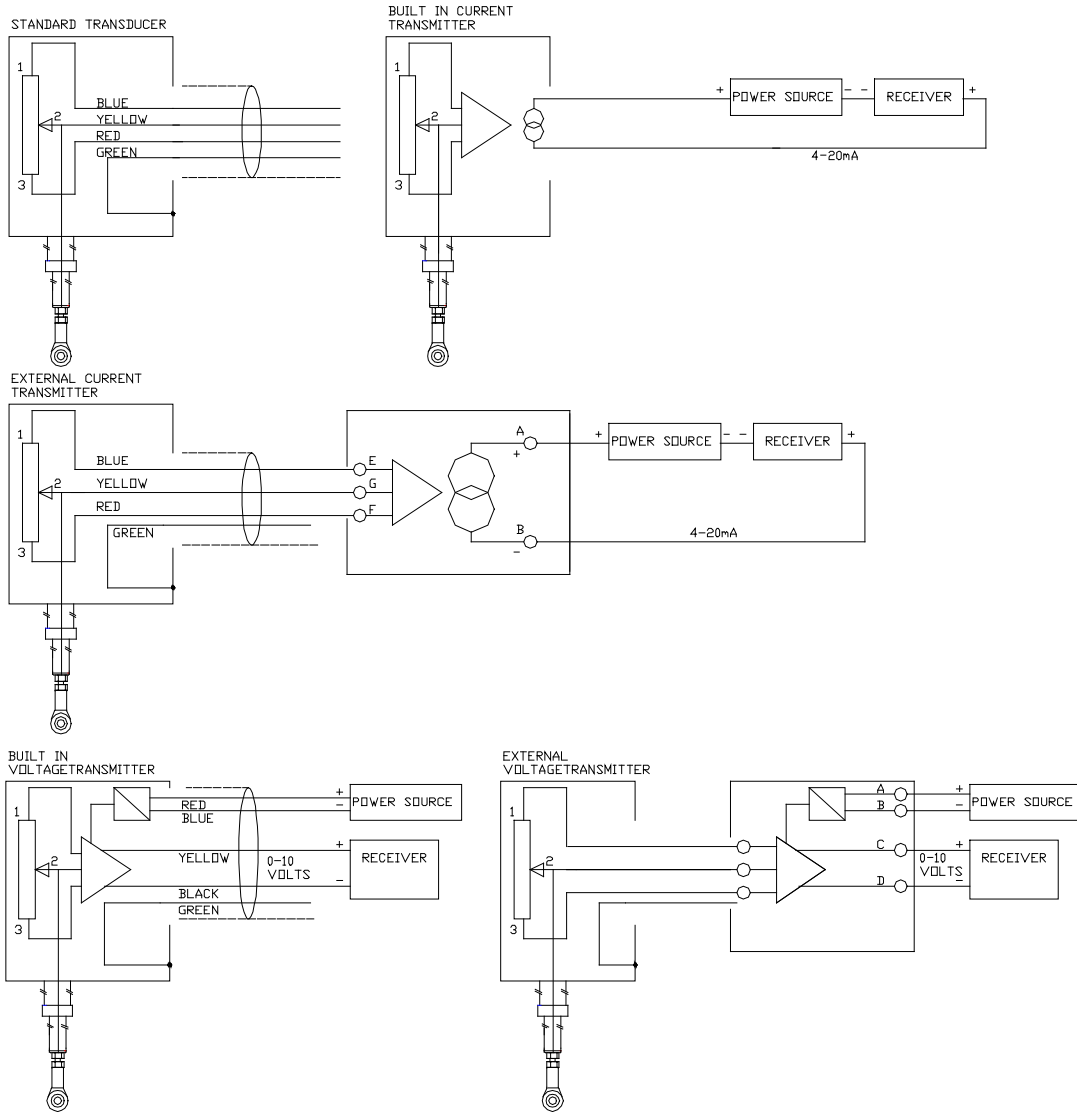
All dimensions are in mm.



Current Load Compliance



Connection Diagrams



Southampton Office:

Larkslease House
9 Ashlett Close
Fawley, Southampton
Hampshire
United Kingdom
SO45 1DR
Tel. +44 (0) 2380 892021

East Malling Office:

The Barn
65, High Street
East Malling
Kent
United Kingdom
ME19 6AJ
Tel. +44 (0) 1732 522353

Tel. +44 (0) 2380 892021 Fax. +44 (0) 2380 897950

Email. engineering@jkcontrols.co.uk Web. www.jkcontrols.co.uk