

klyver electronics

SE525C14 Flowtransmitter



Klyver Electronics A/S is an innovative and dynamic company which has a solid experience in electronic manufacturing and electronic development.

For more than 30 years we have evolved in to a company that specializes in producing and developing flow measurement / flow control and industrial machine control.

Our position in the world has been created by our satisfied customers, our great experience but certainly also a quest for exquisite service and 100% unique Danish quality and design.

Klyver Electronics A/S has developed a complete Control system for measuring, dosing and recording of draft and soft drink plants. The program includes counting systems from acquiescence counts, free-flow facility for advanced dosing, automatic measurement and registration of the individual sales.

Take a look at our other products:
Flow Counter
Dosing Machine

SE525C14 Flowtransmitter (flow meter)

The SE525C14xx Flowtransmitter is developed for measuring the flow of translucent liquids. The flowtransmitter converts liquid flow into electrical pulses.

Every single flowtransmitter is calibrated individually, and the calibration value (pulses per litre) is printed on one side of the flowtransmitter.

SE525C14 Flowtransmitter

Specifications:

General info

The SE525C14xx Flowtransmitter is developed for measuring the flow of translucent liquids.

It is made of hard, durable plastics with integrated and molded electronics.

The flowtransmitter converts liquid flow into electrical pulses. Each pulse corresponds typically to 1.2 ml of liquid flow. Every single flowtransmitter is calibrated individually, and the calibration value (pulses per litre) is printed on one side of the flowtransmitter.

The flowtransmitter comes with a 5-pole Molex connector (SE525C14M5) or a 3-pole AMP connector (SE525C14B3). See the electrical diagram below. Output pulse is CMOS compatible.

(Another version, for high flow / big tube e.g. by tank install (flow velocity 0,1 - 15 litre), is available: SE525C38-- with thread G=3/8" and inner diameter 9,9 mm).

Accessories

KE555 Flowcounter

SE480A Dosing Machine

Size

81*38,2*25,5 mm (H x W x D)

Weight

140 grams (without cord)

Error margin

± 1%

Linearity

± 1%

Flow Velocity

0,1 - 5 litre/min

Pressure

Max 10 bar (10 kp/cm²)

Ambient temperature

0-95° C

Calibration value (typ)

830 pulses/litre

Opening

Ø 6,4 mm

Length of connecting cable

2m

Connections

Molex 5pin for SE525C14**M5**
or - AMP 3pin for SE525C14**B3**

Materials

Housing
UDEL Polysulfone P-1700

Thread Ends

UDEL Polysulfone P-1700

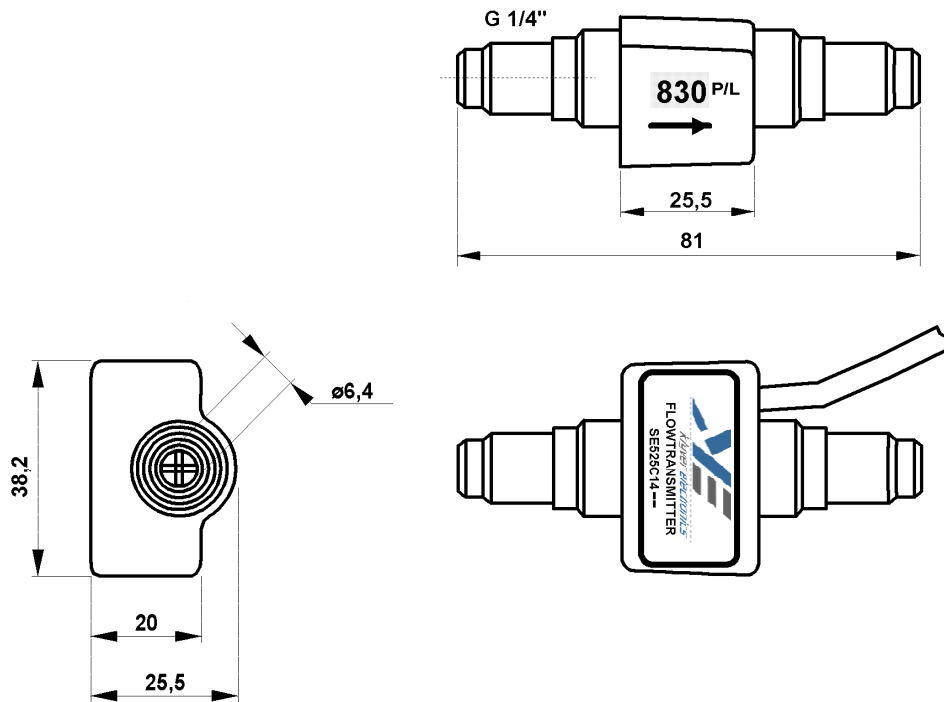
Impeller

UDEL Polysulfone P-1700



SE525C14 **Flowtransmitter**Diagram:

All units are in millimetres. (Thread G = 1/4")

Electrical diagramConnector