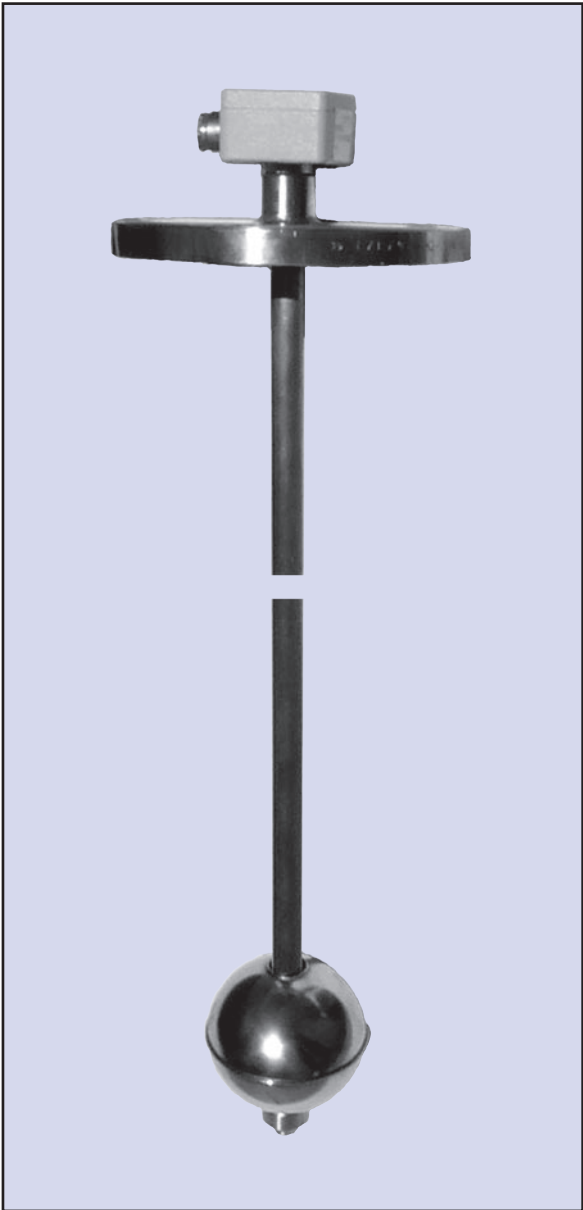
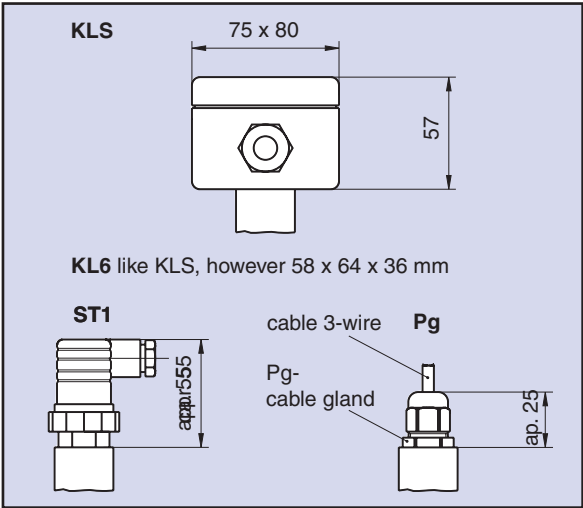


Type USE 6000

USE 6000 - Level Sensor
up to 6000 mm Length



Electrical Connections



Technical Data

Max. Length L ₀	: 6000 mm
Materials	: Stainless steel (1.4571, 1.4404), brass, other material on request
Mounting Element	: Stainless steel (1.4571, 1.4404), tank screw or flange
Stem	: Stainless steel (1.4571), brass, ø = 18 x 1 mm
Float	: Stainless steel (1.4571) VA100, ø = 105 mm, oval min. media density = 0,62 g/cm ³ max. pressure = 32 bar : Buna-N BN 42, ø = 42 mm min. media density = 0,55 g/cm ³ max. pressure = 15 bar
Electrical Connection	: ST1 - Cube plug DIN43650 (3-pin + earth) PG - Cable gland PG 13,5 incl. 1,5 m cable KL6 - Aluminum terminal box (58 x 64 x 36 mm, 3 terminals) KLS - Aluminum terminal box incl. transducer MU3L (75 x 80 x 57 mm)
Protection Class	: ST1, KL6, KLS = IP65, PG = IP67
Temperature Ranges	: -10 °C... + 90 °C -50 °C...+150 °C HT - high temperature only with KL6 or silicone cable possible
Total Resistance	: 0...100 kOhm
Power Supply	: 8 ... 35 V DC with transducer, max. 24 V DC without transducer
Type of Screen	: R12 = screen 12,7 mm (1/2") accuracy ±6,4 mm appr. 0,1% at 6000 mm measuring length
Wiring	: 3-wire, length up to 5000 mm depending on cable diameter
Options	: DR - slosh tube, Pt100-element, thermo reed, HT - isolation, interfacial level indication

12 / 04 TLI US 01/1

Barksdale Tank Level Indicating Systems

Specifications are subject to changes without notice.

