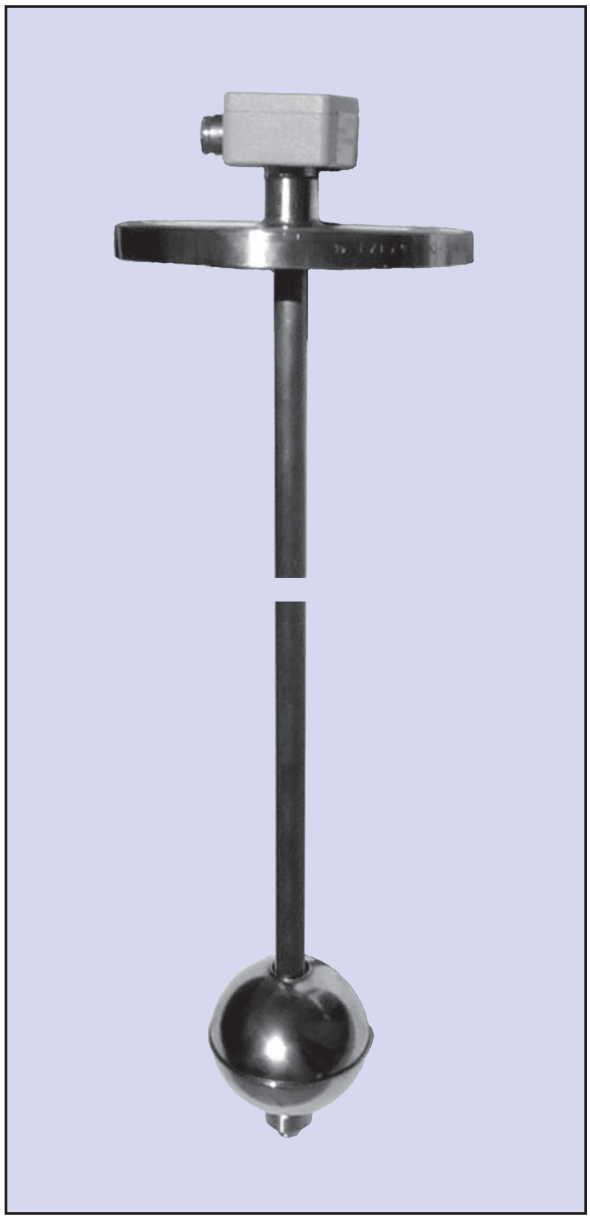
Type USE 6000

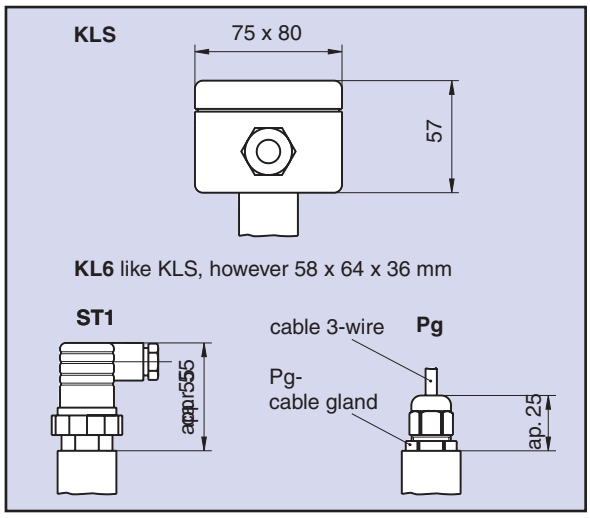
USE 6000 - Level Sensor up to 6000 mm Length



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/cm³ max. pressure = 32 bar : Buna-N BN 42, ø = 42 mm min. media density = 0,55 g/cm³ 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

Electrical Connections



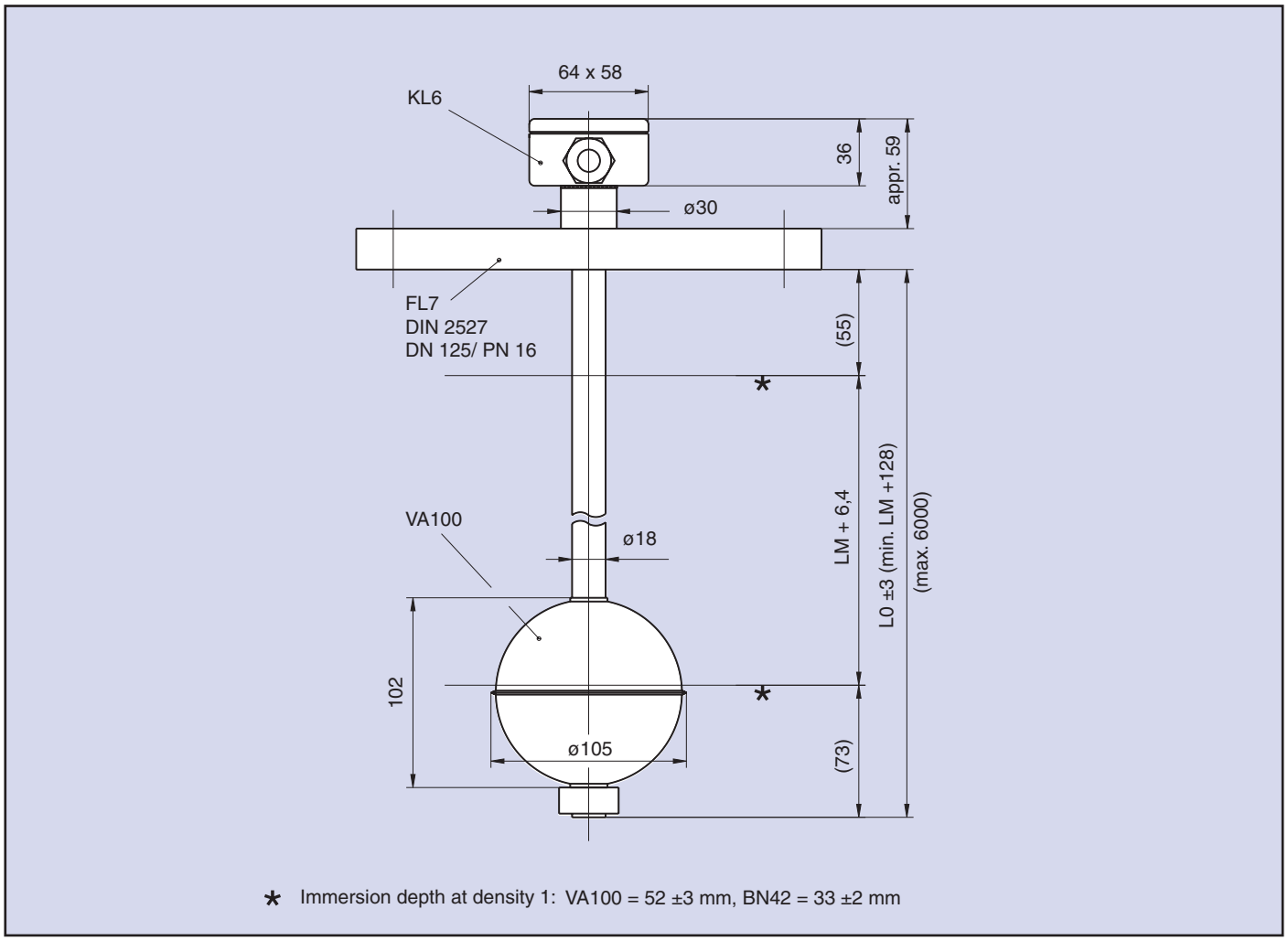
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Barksdale Tank Level Indicating Systems

Specifications are subject to changes without notice.

Type USE 6000

Dimensions (in mm)



Order number example

Type	Series		Material		Mounting Element		Electrical Connection		Float Type		Screen		Meas. Length LM	Options
USE	6000	—	VA	/	FL7	—	KL6	—	VA100	—	R12	—	4000	-

Your order number

USE	6000	—		/		—		—		—		—		

Material	Mounting Element	Electrical Connection	Float Type	Screen	Meas. Length LM (in mm)	Options
(VA) Stainless steel 1.4571/ 1.4408	(G2) G 2 Tank screw (FL7) DIN- flange, DN125/PN16, only VA	(ST1) Plug DIN 43650, 3-pin + PE (PG) Cable gland PG13,5, incl. 1,5 m cable (KL6) Aluminum terminal box, 3 terminals (KLS) Aluminum terminal box incl. transducer MU3L	(VA100) Stainless steel float, ø 105 mm (BN42) Buna-N float ø42 mm	(R12) Standard (R08) Fine screen	xxxx (e. g.: 4 m = 4000)	(PT100) Integrated temperature measurement via Pt100-element (TR) Integrated temperature measurement via thermo reed (DR) Slosh tube (HT) HT-isolation (TM) Interfacial level indication

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Barksdale Tank Level Indicating Systems
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Mod-Tronic Instruments Ltd. | www.mod-tronic.com | sales@mod-tronic.com | 1-800-794-5883