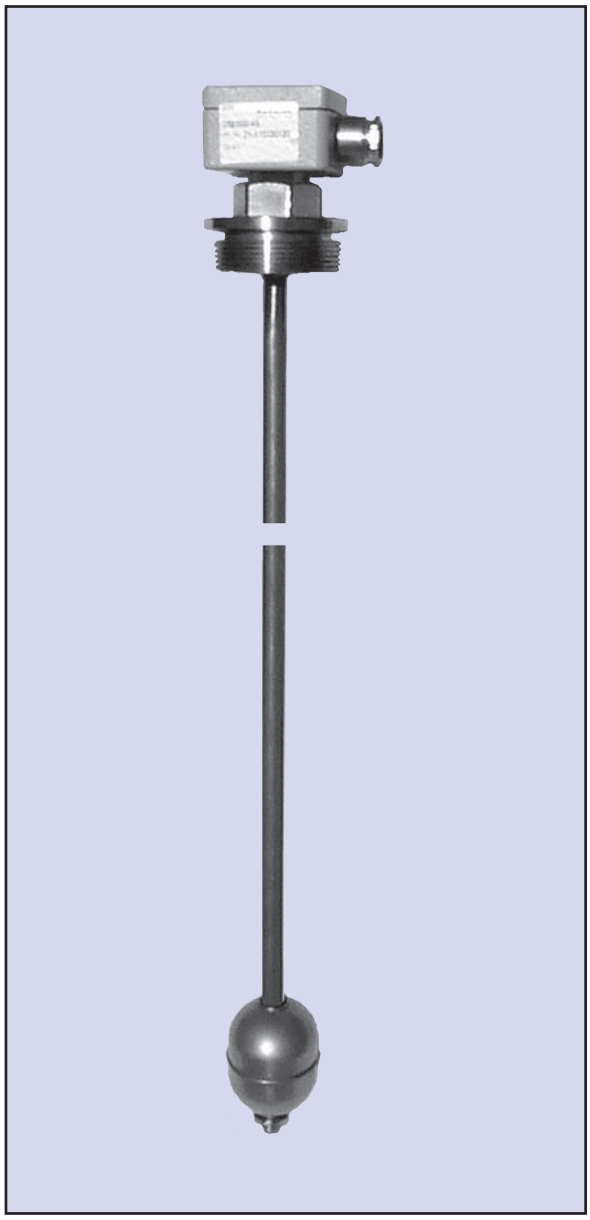
Type USE 3000

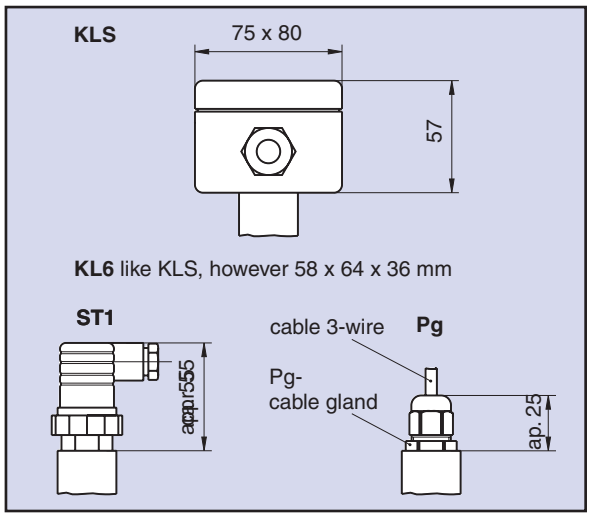
USE 3000 - Level Sensor up to 3000 mm Length



Technical Data

Max. Length L_0	: 3000 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 = 13 x 1 mm
Float	: Stainless steel (1.4571) - VA44, ø = 44 mm, oval min. media density = 0,9 g/cm³ max. pressure = 25 bar - VA52, ø = 52 mm, oval min. media density = 0,74 g/cm³ max. pressure = 25 bar - VA80, ø = 82 mm, ball min. media density = 0,5 g/cm³ max. pressure = 16 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. 0,2% at 3000 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



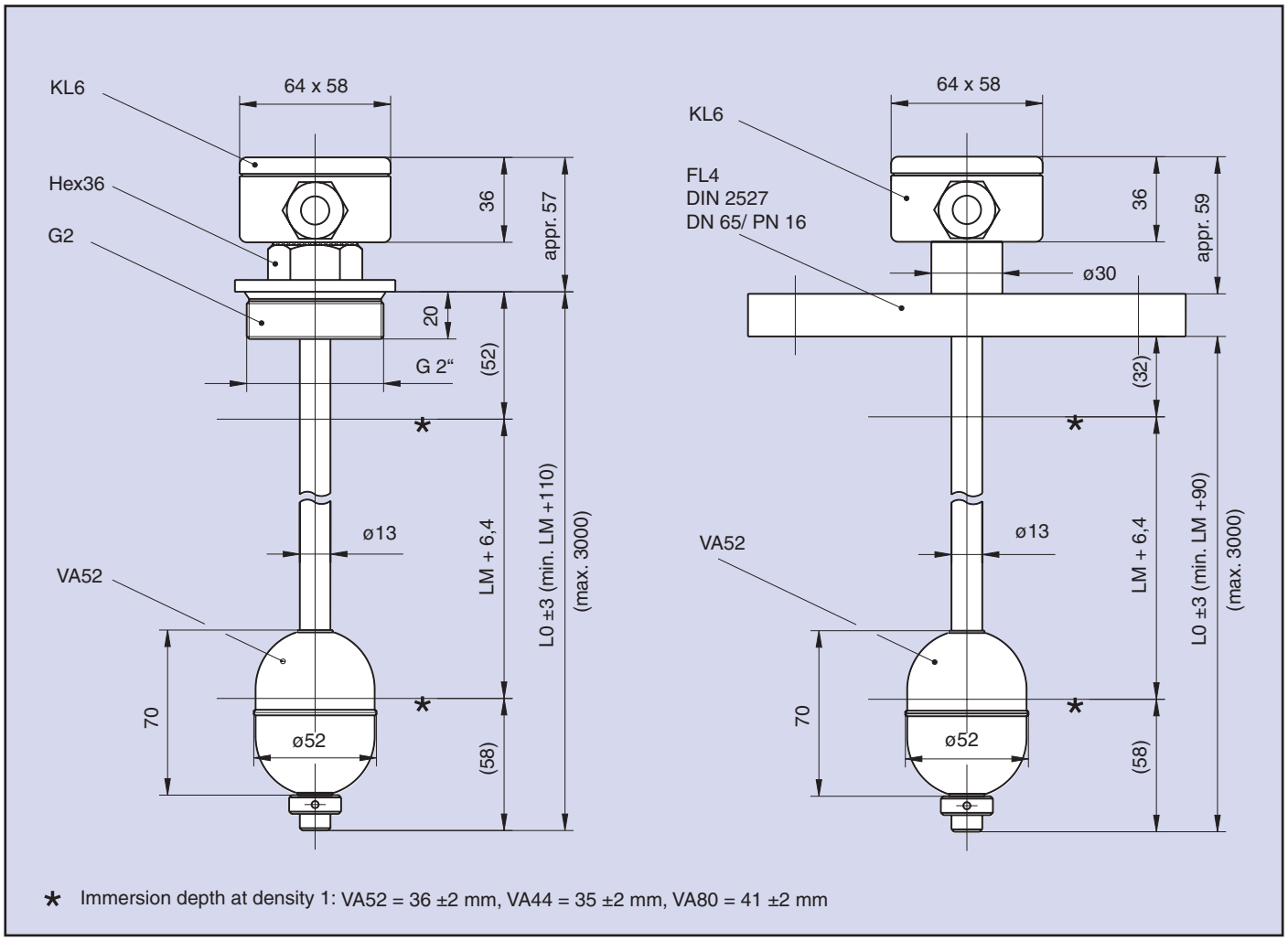
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Barksdale Tank Level Indicating Systems

Specifications are subject to changes without notice.

Type USE 3000

Dimensions (in mm)



* Immersion depth at density 1: VA52 = 36 ±2 mm, VA44 = 35 ±2 mm, VA80 = 41 ±2 mm

Order number example

Type	Series		Material		Mounting Element		Electrical Connection		Float Type		Screen		Meas. Length LM	Options
USE	3000	—	VA	/	G2	—	KL6	—	VA52	—	R12	—	2000	-

Your order number

USE	3000	—		/		—		—		—		—		

Material	Mounting Element	Electrical Connection	Float Type	Screen	Meas. Length LM (in mm)	Options
(VA) Stainless steel 1.4571/ 1.4408 (MS) Brass	(G2) G 2 Tank screw (FL4) DIN- flange, DN65/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	(VA52) Stainless steel float ø52 mm (VA44) Stainless steel float ø44 mm (VA80) Stainless steel float ø82 mm	(R12) Standard (R08) Fine screen	xxxx (e. g.: 2 m = 2000)	(PT100) Integrated tempera-ture measurement via Pt100-element (TR) Integrated tempera-ture 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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