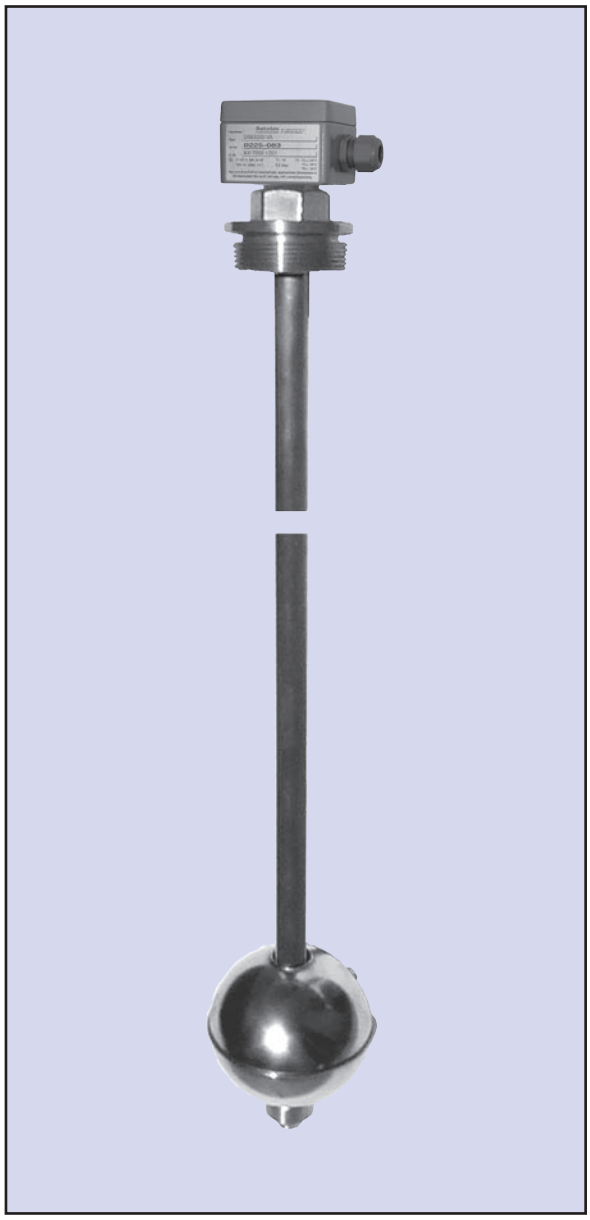
Type USE 6200

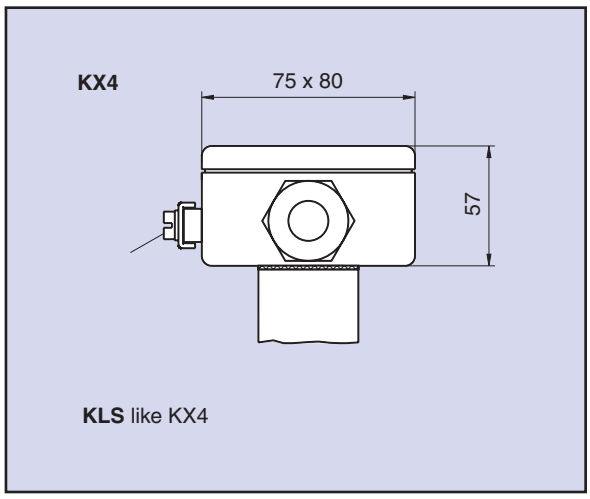
USE 6200 - Level Sensor for Applications in Category 1



Technical data

Max. Length L_0	: 6000 mm
Materials	: Stainless steel (1.4571, 1.4408)
Mounting Element	: Stainless steel (1.4571, 1.4408), tank screw or flange
Stem	: Stainless steel (1.4571), ø = 18 x 1 mm
	(if necessary with mounting strap)
Float	: Stainless steel (1.4571) VX100, 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	: KX4 - Aluminum terminal box (75 x 80 x 57 mm, 3 terminals) KLS - Aluminum terminal box incl. transducer MUEX (75 x 80 x 57 mm)
Protection Class	: KLX, KX4, KLS = IP65
Registration Mark	: KX4: Ⓔx II 1 G Ex ia IIC T6...T1 Ga KLS: Ⓔx II 1 G Ex ia IIC T6...T1 Ga II 1/2 G Ex ia IIC T6...T1 Ga/Gb II 2 G Ex ia IIC T6...T1 Gb
Certificate No.	: TÜV 19 ATEX 239657 X
Temperature Ranges	: T1...T4 to +100 °C T5 to +75 °C T6 to +60 °C
Temperaturbereiche with Transducer MUEX	: T1... T4 to +85 °C : T5... T6 to +60 °C
Total Resistance	: 10 kOhm ...100 kOhm
Power Supply	: 8 ... 24 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 6000 mm measuring length
Wiring	: 3-wire, length up to 5000 mm depending on cable diameter
Options	: DR - slosh tube, interfacial level indication

Electrical Connections



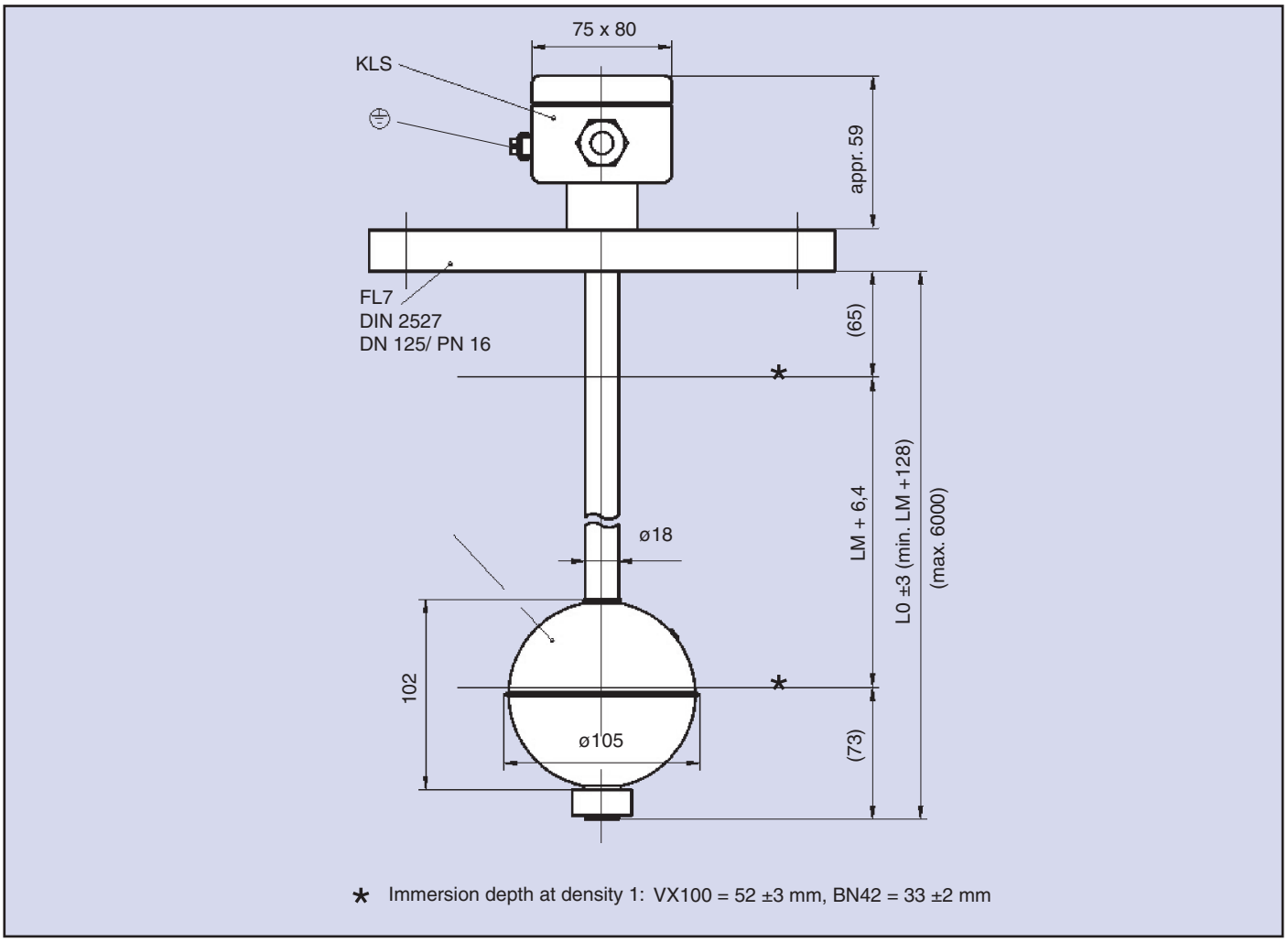
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Barksdale Tank Level Indicating Systems

Specifications are subject to changes without notice.

Type USE 6200

Dimensions (in mm)



Order number example

Type	Series		Material		Mounting Element		Electrical Connection		Float Type		Screen		Meas. Length LM	Options
USE	6200	—	VA	/	FL7	—	KLS	—	VX100	—	R12	—	4000	-

Your order number

Type	Series		Material		Mounting Element		Electrical Connection		Float Type		Screen		Meas. Length LM	Options
USE	6200	—		/		—		—		—		—		

Material	Mounting Element	Electrical Connection	Float Type	Screen	Meas. Length LM (in mm)	Options
(VA) Stainless steel 1.4571/ 1.4408	(G2) G2 Tank screw (FL4) DIN- flange, DN125/PN16	(KX4) Aluminum terminal box, 3 terminals (KLS) Aluminum terminal box incl. transducer MUEX	(VX100) Stainless steel float ø105 mm (BN42) Buna-N float ø42 mm	(R12) Standard	xxxx (e. g.: 4 m = 4000)	(DR) Slosh tube (TM) Interfacial level indication

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Barksdale Tank Level Indicating Systems
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