

Intrinsically safe level probe for applications in hazardous environments

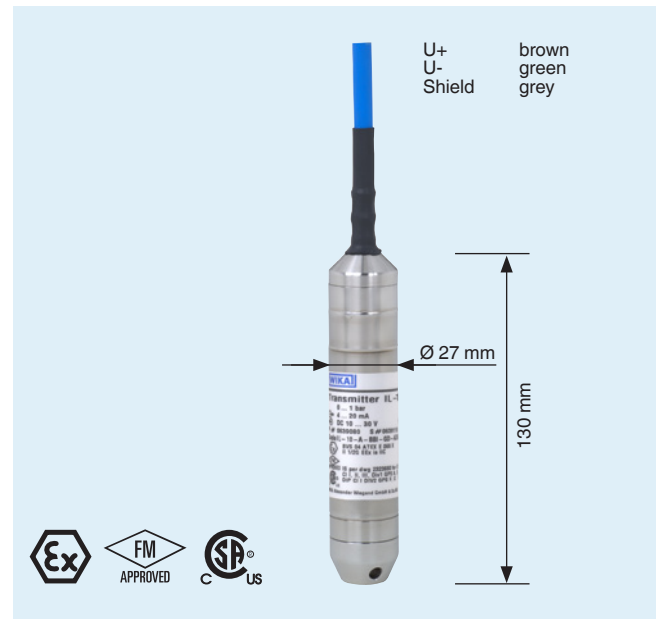
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Applications

- Wastewater treatment and digestion towers
- Brackish water and fuel tanks in shipbuilding
- Oil and petrol storage systems
- Mining and gas extraction

Special features

- Applicable in all hazardous environments
- Ex-protection according to ATEX, FM and CSA
- Ship building approved by GL
- Ingress protection IP 68 (up to 300 m immersion depth)



Order numbers

Output signal	4 ... 20 mA, 2-wire		
Accuracy	0.5 % of span (0.25 % BFSL)		
Power supply	DC 10 ... 30 V		
Ingress protection	IP 68		
Immersion depth	Up to 300 m		
Process connection	G 1/2 B		
Material	Vented PUR cable, stainless steel housing		
Medium temperature	-10 ... 60 °C		
Approvals	Intrinsic safety according to ATEX, FM and CSA		
Measuring range/ cable length	0 ... 0.25 bar	5 m	12586758
	0 ... 0.4 bar	10 m	7052559
	0 ... 0.6 bar	10 m	7414885
	0 ... 1.0 bar	15 m	13230034
	0 ... 2.5 mH ₂ O	5 m	14079042
	0 ... 4 mH ₂ O	10 m	14079043
	0 ... 6 mH ₂ O	10 m	14079045
	0 ... 10 mH ₂ O	15 m	14079046
	0 ... 100 inWC	20 ft	14079047
	0 ... 5 psi	30 ft	14079048
	0 ... 10 psi	40 ft	4366464
	0 ... 15 psi	50 ft	14079050

Quick order code (you can find further possible variants in data sheet PE 81.23)

Field no.	Code	Version		
Measuring range				
①	BAL	0 ... 0.1 bar	YBF	0 ... 25 mH2O
	BAM	0 ... 0.16 bar	YBG	0 ... 40 mH2O
	BAN	0 ... 0.25 bar	YBH	0 ... 60 mH2O
	BBB	0 ... 0.4 bar	YBI	0 ... 100 mH2O
	BBC	0 ... 0.6 bar	YBK	0 ... 160 mH2O
	BBD	0 ... 1 bar	YBL	0 ... 250 mH2O
	BBE	0 ... 1.6 bar	NGU	0 ... 100 inWC
	BBF	0 ... 2.5 bar	NGV	0 ... 150 inWC
	BBG	0 ... 4 bar	NGW	0 ... 250 inWC
	BBH	0 ... 6 bar	NGX	0 ... 400 inWC
	BBI	0 ... 10 bar	PCN	0 ... 5 psi
	BBK	0 ... 16 bar	PCP	0 ... 10 psi
	BBL	0 ... 25 bar	PBC	0 ... 15 psi
	YAL	0 ... 1 mH2O	PCQ	0 ... 25 psi
	YAM	0 ... 1.6 mH2O	PDA	0 ... 50 psi
	YAN	0 ... 2.5 mH2O	PBF	0 ... 100 psi
	YBB	0 ... 4 mH2O	PBG	0 ... 160 psi
	YBC	0 ... 6 mH2O	PDG	0 ... 250 psi
	YBD	0 ... 10 mH2O	PBK	0 ... 400 psi
	YBE	0 ... 16 mH2O		
Material				
②	Z	Stainless steel, PUR cable		
	K	Stainless steel, FEP cable		
	2	Hastelloy, FEP cable		
Accuracy				
③	G	0.5 % of span (0.25 % BFSL)		
	K	0.25 % of span (0.125 % BFSL)		
Cable length				
④	C	1.5 m		
	E	3 m		
	G	5 m		
	I	10 m		
	K	15 m		
	L	20 m		
	M	25 m		
	N	30 m		
	P	40 m		
	Q	50 m		
	R	60 m		
	S	80 m		
	T	100 m		
	U	200 m		
	W	300 m		
	Y	5 ft		
	1	10 ft		
2	20 ft			
3	30 ft			
4	40 ft			
5	50 ft			

Order code: IL-10 - A - - GD - 2 - ZZZ

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