

High-performance submersible pressure transmitter for level measurement

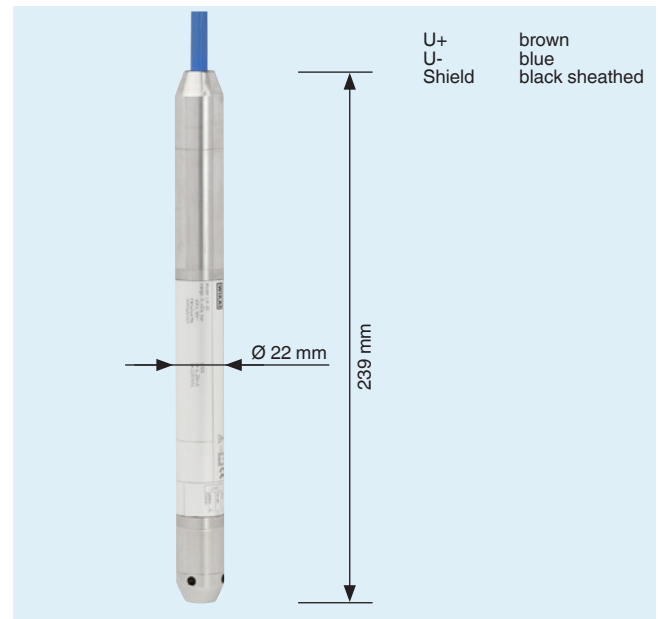
01/2016

Applications

- Deep well and borehole measurements
- Groundwater monitoring
- Level measurement in open bodies of water
- Sewage lift and pumping stations
- Settling ponds and rainwater basins

Special features

- Slender design
- Adjustable turndown (option)
- Resistant against the harshest environmental conditions
- Reliable and secure by double-sealed design
- Titanium case for especially high resistance (option)



Order numbers

Output signal		4 ... 20 mA, 2-wire			
Accuracy		0.2 % of span			
Process connection		M14 x 1 female with protection cap			
Ingress protection		IP 68			
Lightning protection		integrated			
Sealing sensor		double FKM			
Medium temperature		-40 ... 80 °C	-40 ... 60 °C	-40 ... 80 °C	
Material		stainless steel PUR cable	stainless steel PE cable	titanium FEP cable	
Measuring range/ cable length	0 ... 0.1 bar	3 m	14055958	14055974	14055977
	0 ... 0.16 bar	3 m	14055992	14055996	14055999
	0 ... 0.25 bar	5 m	14056002	14056003	14056005
	0 ... 0.4 bar	7 m	14056043	14056044	14056047
	0 ... 0.6 bar	10 m	14056255	14056258	14056259
	0 ... 1.0 bar	15 m	14056263	14056265	14056266
	0 ... 1.6 bar	20 m	14056267	14056270	14056272
	0 ... 2.5 bar	30 m	14056273	14056275	14056277
	0 ... 4 bar	50 m	14056278	14056280	on request
	0 ... 6 bar	70 m	14056290	14056291	on request
	0 ... 10 bar	100 m	14056293	14056294	on request
	0 ... 16 bar	160 m	14056297	14056299	on request
0 ... 25 bar	250 m	14056301	14056302	on request	

Legend: available from stock in Germany available after production -- not available

For further information see
data sheet PE 81.55

Quick order code (you can find further possible variants in data sheet PE 81.56)

Field no.	Code	Version		
Measuring range				
①	BG210	0 ... 0.1 bar	YG325	0 ... 25 mH2O
	BG216	0 ... 0.16 bar	YG339	0 ... 40 mH2O
	BG225	0 ... 0.25 bar	YG359	0 ... 60 mH2O
	BG240	0 ... 0.4 bar	YG398	0 ... 100 mH2O
	BG260	0 ... 0.6 bar	YG416	0 ... 160 mH2O
	BG310	0 ... 1 bar	YG425	0 ... 250 mH2O
	BG316	0 ... 1.6 bar	NG212	0 ... 50 inWC
	BG325	0 ... 2.5 bar	NG225	0 ... 100 inWC
	BG340	0 ... 4 bar	NG237	0 ... 150 inWC
	BG360	0 ... 6 bar	NG262	0 ... 250 inWC
	BG410	0 ... 10 bar	PG234	0 ... 5 psi
	BG416	0 ... 16 bar	PG269	0 ... 10 psi
	BG425	0 ... 25 bar	PG310	0 ... 15 psi
	YG198	0 ... 1 mH2O	PG317	0 ... 25 psi
	YG216	0 ... 1.6 mH2O	PG335	0 ... 50 psi
	YG225	0 ... 2.5 mH2O	PG369	0 ... 100 psi
	YG239	0 ... 4 mH2O	PG411	0 ... 160 psi
	YG259	0 ... 6 mH2O	PG414	0 ... 200 psi
	YG298	0 ... 10 mH2O	PG421	0 ... 300 psi
	YG316	0 ... 16 mH2O		
Cable material				
②	A	PUR		
	B	FEP		
	C	PE		
Unit				
③	M	Meter		
	F	Feet		
Cable length in m/ft				
④	xxxx	e.g. 0005		
Output signal				
⑤	A	4 ... 20 mA		
	R	4 ... 20 mA + HART + Pt100		
Accuracy				
⑥	M	0.2 % of span		
	P	0.1 % of span		
Case material				
⑦	S	Stainless steel		
	T	Titanium (not available with Ex approvals)		
Intrinsic safety				
⑧	ZZZZ	Without		
	AEGA	ATEX		
	IEGB	IECEX		
	CISG	CSA		
Ship approval				
⑨	Z	Without		
	G	GL		
Process connection				
⑩	LS	M14 x 1 female with protection cap		
	LT	Flush diaphragm		

Order code: LH-20-^① - ^② - ^③ - ^④ - ^⑤ - ^⑥ - ^⑦ - ^⑧ - ^⑨ Z-Z-^⑩ K - Z