Quick order sheet
Model IS-3

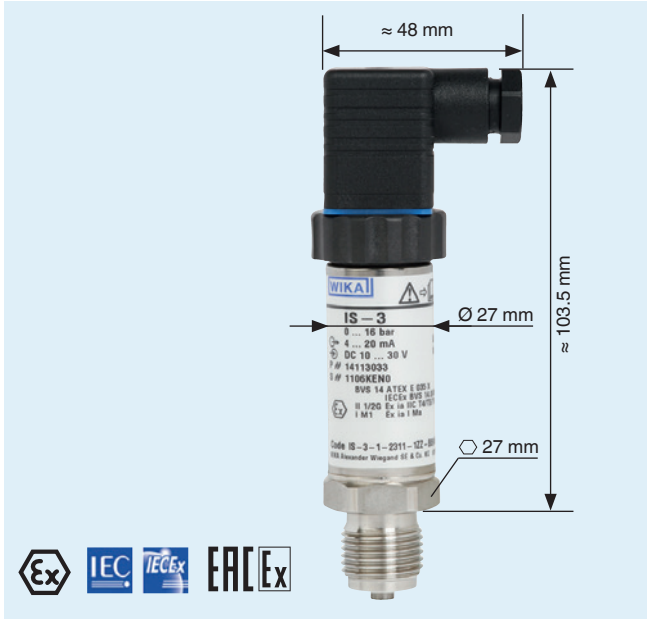
Pressure transmitter for applications in hazardous areas 08/2015

Applications

- Chemical, petrochemical industry
- Oil, natural gas
- Machine building

Special features

- Measuring ranges from 0 ... 0.1 to 0 ... 6,000 bar
- Approved for use in hazardous areas per ATEX
- Suitable for SIL 2 per IEC 61508/IEC 61511



Order numbers

Process connection		**G ½ B**
Accuracy		**0.5 % of span**
Output signal		**4 ... 20 mA, 2-wire**
Approvals		**Intrinsically safe, II 1/2 G Ex ia IIC T* + I M1 Ex ia per ATEX and IECEx**
Electrical connection		**Angular connector DIN EN 175301-803 A**
Measuring range	-1 ... 0 bar	14122591
	0 ... 0.1 bar	14122676
	0 ... 0.16 bar	14122677
	0 ... 0.25 bar	14122678
	0 ... 0.4 bar	14122680
	0 ... 0.6 bar	14122681
	0... 1 bar	14122683
	0 ... 1.6 bar	14122686
	0 ... 2.5 bar	14122690
	0 ... 4 bar	14122691
	0 ... 6 bar	14122694
	0 ... 10 bar	14122696
	0 ... 16 bar	14122697
	0 ... 25 bar	14122698
	0 ... 40 bar	14122700
	0 ... 60 bar	14122703
	0 ... 100 bar	14122704
	0 ... 160 bar	14122705
	0 ... 250 bar	14122706
	0 ... 400 bar	14122707
	0 ... 600 bar	14122709
	0 ... 1,000 bar	14122713

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

Accessories	Isolated barrier (HART compatible) for hazardous areas
Model KFD2-STC4-Ex1	2341268

Further information see
data sheet PE 81.58

WIKA
Part of your business

Quick order sheet, model IS-3 08/2015

Quick order code (you can find further variants in data sheet PE 81.58)

Field no.	Code	Version	Code	Version
Pressure connection				
①	**0**	Standard		
	1	Flush diaphragm		
Ignition protection type and area of use				
②	**1411**	Intrinsically safe, Ex ia, Category 1, Zone 0/20, Div.1, Div. 2, gas, dust, mining		
	2411	Intrinsically safe, Ex ia, Category 2, Zone 1/21, Div.1, Div. 2, gas, dust, mining		
	3343	Protection by enclosure, Ex tc, Category 3, Zone 2/22, gas and dust		
	3142	Non-arcing, Ex nA, Category 3, Zone 2/22, gas		
Further approval				
④	**1**	Without		
	2	Ship approval German Lloyd GL		
	4	EACEx		
SIL 2				
⑤	**Z**	Without		
	S	SIL 2 per IEC 61508/IEC 61511		
Measuring range				
⑥	**BAL**	0 ... 0.1 bar	**BBM**	0 ... 40 bar
	BAM	0 ... 0.16 bar	**BBN**	0 ... 60 bar
	BAN	0 ... 0.25 bar	**BBO**	0 ... 100 bar
	BBB	0 ... 0.4 bar	**BBP**	0 ... 160 bar
	BBC	0 ... 0.6 bar	**BBQ**	0 ... 250 bar
	BBD	0 ... 1 bar	**BBS**	0 ... 400 bar
	BBE	0 ... 1.6 bar	**BBT**	0 ... 600 bar
	BBF	0 ... 2.5 bar	**BBU**	0 ... 1,000 bar
	BBG	0 ... 4 bar	**BBV**	0 ... 1,600 bar
	BBH	0 ... 6 bar	**BBX**	0 ... 2,500 bar
	BBI	0 ... 10 bar	**BBZ**	0 ... 4,000 bar
	BBK	0 ... 16 bar	**BB1**	0 ... 5,000 bar
	BBL	0 ... 25 bar	**BB2**	0 ... 6,000 bar
Process connection				
⑦	**HSZ**	G ½ B EN 837	**MP1**	M20 x 1.5 female, with sealing cone, NBR sealing
	HAZ	G ¼ B EN 837	**NB1**	¼ NPT, NBR sealing
	HD1	G ¼ A DIN 3852-E, NBR sealing	**ND1**	½ NPT, NBR sealing
	GT1	G ½ A DIN 3852-E, NBR sealing	**861**	G ½ B flush diaphragm, NBR sealing
	ML1	M16 x 1.5 female, with sealing cone, NBR sealing	**851**	G 1 B flush diaphragm, NBR sealing
	VZ1	9/16-18 UNF female F 250-C, NBR sealing		
Accuracy				
⑧	**G**	0.5 % of span		
	K	0.25 % of span		
Electrical connection				
⑨	**A3ZZZ**	Angular connector DIN 175301-803 A (Code AVZZZ with ship approval GL)	**DCBM5**	Cable outlet, IP 68, FEP, 5 m
	M2ZZZ	Circular connector M12 x 1, 4-pin	**B4ZZZ**	Circular connector, M16 x 0.75, 5-pin
	DPAM2	Cable outlet, IP 67, PUR, 2 m	**FHZZZ**	Field case, cable gland brass nickel-plated, with spring clip terminal
	XPAM2	Cable outlet, IP 68 cable gland, PUR, 2 m		
Media temperature				
⑩	**U**	-20 ... +80 °C (standard)		
	7	-15 ... +70 °C (with ignition protection type Ex nA and Ex tc)		
	8	-40 ... +150 °C		
	9	-40 ... +200 °C		

Order code: IS-3- ① [ ] - ② [ ] ③ [ ] - ④ [ ] ⑤ [ ] **Z-** ⑥ [ ] ⑦ [ ] **Z-** ⑧ [ ] **Z** ⑨ [ ] - ⑩ [ ] **AZZ**

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