


Danfoss**OASIS****OASIS****MBS 4701 - MBS 4751**

Intrinsically safe pressure transmitters for hazardous environments

- ◆ Designed for use in severe and potentially explosive environments
- ◆  11 G- protection: EEx ia IIC T6 in compliance with ATEX 100a.
- ◆ Applicable in potentially explosive atmosphere:
Zone 0, Zone 1, Zone 2 (Gasses and vapour)
- ◆ Available with integrated pulse-snubber for protection against cavitation, liquid hammering and pressure peaks. Type MBS 4751.
- ◆ With zero point and span adjustment
- ◆ Enclosure of AISI 316L

Technical data				
Media:	Air, Gas, Liquid	Temperature:	Ambient	Media
Operating temperature:	See data for the right	EEx ia IIC T4	-40 to 100°C	-40 to 125°C
Wetted parts:	AISI 316L (DIN 17440 - 1.4404)	EEx ia IIC T5	-40 to 75°C	-40 to 95°C
Enclosure:	IP65	EEx ia IIC T6	-40 to 50°C	-40 to 50°C
Electrical connection:	DIN 43650 plug Pg9	Power supply	Ui:	28V d.c.
Accuracy:	<±0.3% (typ.), <±0.5% (max.)	Short circuit rating	Ii:	100mA
Supply voltage:	10 to 28 V d.c. polarity protected	Power limitation	Pi:	700mW
Output signal:	4 to 20 mA	Internal capacity	Ci:	≤40nF
Process connection:	G 1/4" A, DIN 16288	Internal inductivity	Li:	≤0.1 mH
For more information:	Please contact us			

Ordering - Standard program, gauge (relative pressure)

Pressure connection	Pressure range Pe	Max overload pressure (static) [bar]	Min. burst pressure [bar]	Standard version MBS 4701 Code no.	Pulse snubber versions MBS 4751 Code no.
G 1/4" A, DIN 16288	0 to 1 bar	12	100	060G4303	-
	0 to 1.6 bar	12	100	060G4300	-
	0 to 2.5 bar	24	100	060G4304	-
	0 to 4 bar	24	100	060G4305	-
	0 to 6 bar	60	100	060G4306	-
	0 to 10 bar	60	100	060G4307	-
	0 to 16 bar	150	150	060G4301	-
	0 to 25 bar	150	150	060G4308	-
	0 to 40 bar	300	400	060G4309	-
	0 to 60 bar	360	800	060G4302	-
	0 to 100 bar	600	1200	060G4310	-
	0 to 160 bar	1200	1200	-	060G4311
	0 to 250 bar	1500	2000	-	060G4312
	0 to 400 bar	1500	2000	-	060G4313
	0 to 600 bar	1500	2000	-	060G4314

OASIS

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