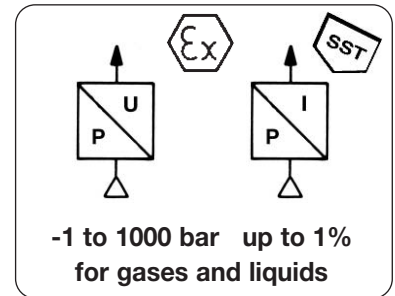


Description		Pressure transducer in compact and robust stainless steel housing with piezo-resistive measuring element. Protected against reverse polarity and short circuit. For gases and liquids.				
Measurement range	0.1 ... 0.5 bar	> 0.5 ... 2 bar	> 2 ... 25 bar	> 25 ... 600 bar	> 600 ... 1000 bar	
Overpressure	3 bar	3 x FS, min. 3 bar	3 x FS	3 x FS, max. 850 bar	max. 1500 bar	
Burst pressure	> 200 bar	> 200 bar	> 200 bar	> 850 bar	> 1500 bar	
Accuracy	± 0.5% FS	± 0.5% FS	± 0.5% FS	± 0.5% FS	± 1% FS	
Long-term stability	< 4mbar	< 4mbar	< 0.2% FS	< 0.2% FS	< 0.2% FS	
Thermal shift	± 0.06% FS/°C	± 0.03% FS/°C	± 0.015% FS/°C	± 0.015% FS/°C	± 0.015% FS/°C	of zero at 0 ... 70 °C max. temperature of media 80 °C
Supply voltage	9 - 33V DC at 4...20A	15 - 30V DC at 0...10V	supply voltage influence < 0.1% FS			
Explosion-proof	10 - 33V DC at 4...20A, max. 1W according to EN 50.014 and EN 50.020: 1974 A1-A5, ATEX2640-1					
Electrical connector	DIN 43650 connector, with cable box, Adjustment of zero point and full scale possible					
Materials	Body, diaphragm, female port 1.4435 / 316L stainless steel, Elastomer: Viton					



Dimensions	Accuracy	Pressure range	Order number	Pressure range	Order number
Ø height	%	mbar / bar		mbar / bar	
mm mm					

Pressure transducer	G ^{1/2} sealed gauge	4...20 mA SST	0.5% accuracy without cable box	DA
24 81	0.5%	0... 60mbar	DAA-B6	0...100mbar DAA-C1
24 81	0.5%	0...160mbar	DAA-C2	0... 10 bar DAA-10
		0...250mbar	DAA-C3	0... 16 bar DAA-16
		0...400mbar	DAA-C4	0... 25 bar DAA-25
		0...600mbar	DAA-C6	0... 40 bar DAA-40
		0... 1.0 bar	DAA-01	0... 60 bar DAA-60
		0... 1.6 bar	DAA-02	0... 100 bar DAA-D1
24 81	1%	0... 2.5 bar	DAA-03	0... 160 bar DAA-D2
		0... 4.0 bar	DAA-04	0... 250 bar DAA-D3
		0... 6.0 bar	DAA-06	0... 400 bar DAA-D4
		0...600 bar	DAA-D6	0...1000 bar DAA-E1



DAA-C1

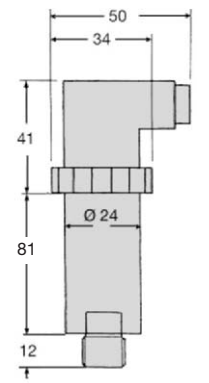
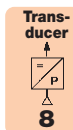
DAA-C1EX



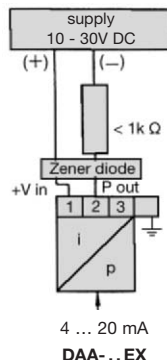
DAA-C1T

Special options add the appropriate letter

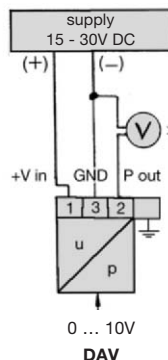
0 ... 10V	outlet signal	V	DAV - . .
vacuum	0 ... -1 bar	V	DA . . . V
absolute pressure	-1 ... 1/1000 bar	A	DA . . . A
intrinsically safe	EExia II CT6, Atex	EX	DA . . . EX
0.25% accuracy	full scale	G	DA . . . G
0.1 % accuracy	full scale	H	DA . . . H
- 25 to 100 °C	media temperature compens. to 85 °C / T4	S	DA . . . S
- 25 to 150 °C	media temperature compens. to 85 °C / T3	T	DA . . . T
flash diaphragm	port G ^{1/2}	F	DA . . . F
G^{1/2}	port thread	4	DA . . . 4
special calibration	indicate on order	X	DA . . XX
EPDM seal		E	DA . . . E



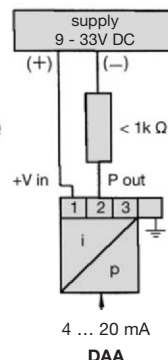
version	L (mm)
standard	40
stand. 150 °C	67
ex	94
ex, T3	121



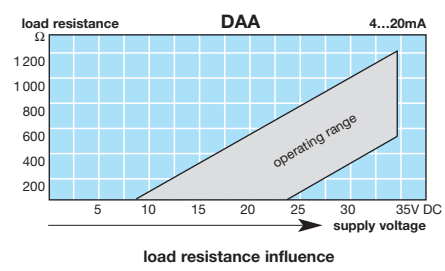
4 ... 20 mA
DAA-..EX



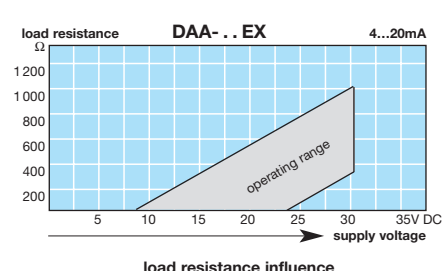
0 ... 10V
DAV



4 ... 20 mA
DAA



load resistance influence



load resistance influence

For your information:	1 bar: 14.5 psi	1 l/min: 0.035 scfm	1 mm: 0.039 inch	1 mbar: 0.4 inch H ₂ O	1 mbar: 0.01 m H ₂ O
	1 psi: 0.069 bar	1 scfm: 28.3 l/min	1 inch: 25.4 mm	1 inch H ₂ O: 2.5 mbar	1 m H ₂ O: 98 mbar

Order example:
DAA-06