

# BAR 53

## Trycktransmitter med syrafast membran

Bar 53 trycktransmitter är utvecklad för applikationer med standard krav gällande noggrannhet, omgivnings temperatur.

Bar 53 har ett framskjutet membran mot processen. Det gör den mycket lämplig i applikationer för mätning av viskösa media.

### Enkel

- Gänganslutning eller Tri Clamp
- Tryckområden upp till 600 bar
- 2-trådsmatad även i Ex-utförande
- Process temperatur max 100 gr C
- Utsignal: mA, Profibus PA eller FF
- Ställs in via lokal display, Hart eller PC

### Ekonomisk

- Enkelt montage och därmed låg installationskostnad
- Programvara för inställning av
- BAR 53 finns utan extra kostnad på Vegas hemsida

### Noggrann

- Onoggrannheten är  $\pm 0,2$  % av mätområdet ( Option 0,1% )



**Approval**

- XX** without .....
- XM** Ship approval .....
- CX** ATEX II 1G, 1/2G, 2G EEx ia IIC T6 .....
- CM** ATEX II 1G, 1/2G, 2G EEx ia IIC T6 + Ship approval .....
- GX** ATEX II 1/2D, 2D IP6X T<sup>1)</sup> .....

**Process fitting / Material**

- GV** G½A, manometer connection / 316Ti .....
- GF** G½A, front-flush / 316Ti with O-ring from 2.5bar .....
- GC** G1A, front-flush / 316Ti with O-ring up to 1.6bar .....
- GN** Thread ½NPT/316Ti .....
- CC** Tri-Clamp 1½" PN16 / 316L .....
- CA** Tri-Clamp 2" PN16 / 316L .....
- LA** Hyg.connection w. compression nut F40 PN40 / 316L .....

**Seal measuring cell / Process temperature**

- 1** FKM (VP2/A) / -20...100°C<sup>2)</sup> .....
- 3** EPDM (A+P 75.5/KW75F) / -30...100°C<sup>2)</sup> .....
- X** without / -30...100°C .....

**Pressure / Measuring range**

- C** rel. / 0...0.4bar (0...40kPa) .....
- D** rel. / 0...1.6bar (0...160kPa) .....
- U** rel. / 0...40.0bar (0...4000kPa) .....
- W** rel. / 0...100.0bar (0...10000kPa) .....
- X** rel. / 0...250.0bar (0...25000kPa) .....
- O** rel. / -1...3.0bar (-100...300kPa) .....
- P** rel. / -1...5.0bar (-100...500kPa) .....
- Q** rel. / -1...15.0bar (-100...1500kPa) .....
- Z** rel. / 0...600.0bar (0...60000kPa) .....
- 1** abs. / 0...0.4bar (0...40kPa) .....
- 2** abs. / 0...1.6bar (0...160kPa) .....
- 3** abs. / 0...6.0bar (0...600kPa) .....
- 4** abs. / 0...16.0bar (0...1600kPa) .....

**Electronics**

- Z** 4...20mA .....
- H** 4...20mA/HART® .....
- P** Profibus PA .....
- F** Foundation Fieldbus .....

**Housing / Protection**

- K** Plastic / IP66/IP67 .....
- A** Aluminium / IP66/IP67 .....
- 8** Stainless steel (electropolished) 316L / IP66/IP67 .....

**Cable entry / Plug connection**

- M** M20x1.5 / without .....
- N** ½NPT / without .....

**Indicating/adjustment module (PLICSCOM)**

- X** Without .....
- A** Top mounted .....

**Accuracy class**

- E** 0.10% .....
- S** 0.20% .....

BR53.

<sup>1)</sup> Not in conjunct. with Housing / Protection "K" as well as "8"

<sup>2)</sup> Only with front-flush threaded version

- Further process fittings and options on request
- Further pressure measuring ranges on request