PAS/DRM Application Guide

Rev 10/24/18

* This form is only required if you are ordering the PAS with a DRM diaphragm seal.

General Information

Contact Name: _____

Company Name: _____

Phone: _____

Quote Number: _____

Email: _____

Date: _____

Number of Pieces Required: _____

☐ **This has not been quoted yet and pricing is required.**

Model Information

1. PAS Model Number: _____
2. PAS Calibration Range: _____
3. DRM Model Number: _____
4. DRM Size Code: _____
5. DRM Material Type (Wetted Part): _____

Media Information

1. Media: _____
2. Media Operating Density: _____
3. Media Operating Viscosity: _____

Temperature

1. Minimum Media Temp: _____ Media Operating Temp: _____ Maximum Media Temp: _____
2. Minimum Ambient Temp: _____ Ambient Operating Temp: _____ Maximum Ambient Temp: _____
3. Rinsing Temp. of Diaphragm Seal: _____ Rinsing Temp. of Capillary: _____

Pressure

1. Static Operating Presure: _____
2. Dynamic Minimum Operating Pressure: _____
3. Dynamic Maximum Operating Pressure: _____
4. Maximum Negative Pressure: _____
5. Maximum Over-Pressure: _____
6. Display Damping: ☐ Yes ☐ No

If Yes: ☐ Light ☐ Medium ☐ Strong

Arrangement with Direct Mounting

1. Placement of Seal

☐ Standard (DRM at Six O'clock Position) ☐ Left (DRM at Nine O'clock Position)

☐ Right (DRM at 3 O'clock Position - See Fig.1, page 3) ☐ Special: _____

2. Position with Pipe Diaphragm Seal: ☐ Vertical ☐ Horizontal

Arrangement with Capillary

1. Orientation with Capillary

☐ Standard (DRM at Six O'clock Position) ☐ On the Side (DRM at Three or Nine O'clock Position)

☐ Top (DRM at 12 O'clock Position) ☐ Special: _____

2. Position with Pipe Diaphragm Seal: ☐ Vertical ☐ Horizontal

Capillary (316-Ti SS)

1. Length of Capillary: _____ Protection Hose Required: ☐ Yes ☐ No

Height Adjustment

1. Factory Calibration for Height Adjustment Required: ☐ No ☐ Yes

If Yes, Choose from the Following Options:

☐ PAS Same Level as DRM

☐ PAS Higher than DRM (Fig. 2 or 3), Specify Δh: _____

☐ PAS Lower than DRM (Fig. 2 or 3), Specify Δh: _____

Extended Diaphragm Seal Option (See Page 3)

1. Extended Diaphragm Seal: ☐ No ☐ Yes, R_L Length: _____

Fill Liquid

☐ Glycerine Oil, Silicone Free, Food Grade, Operating Temperature 14...176 °F

☐ Parrafin Oil, Silicone Free, Food Grade, Operating Temperature 14...248 °F

☐ Silicone Oil for Operating Temperature -40...392 °F

☐ Silicone Oil for Operating Temperature -4...662 °F

☐ Silicone Oil for Operating Temperature -4...752 °F

Example of PAS Directly Assembled with Diaphragm Seal

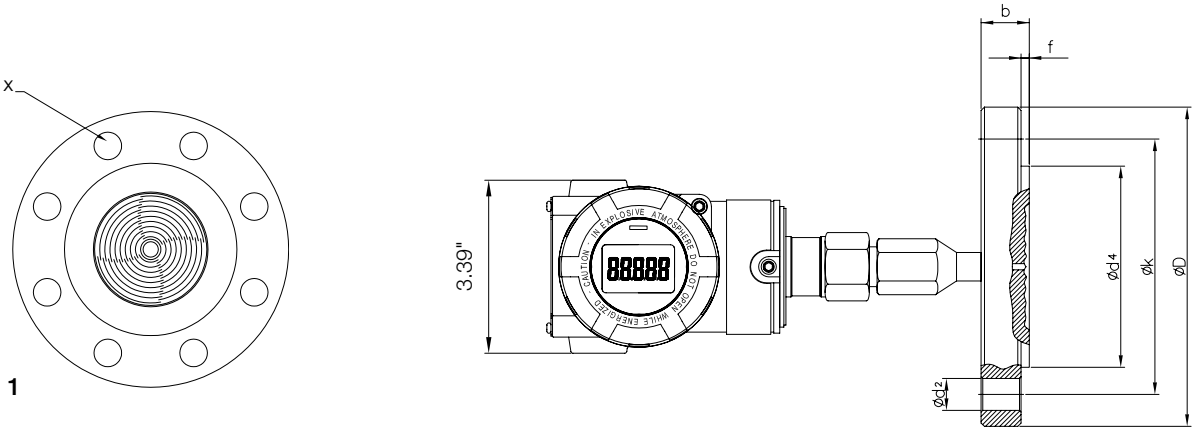

FIGURE 1

Example of PAS Assembled with Remote Diaphragm Seal and Capillary

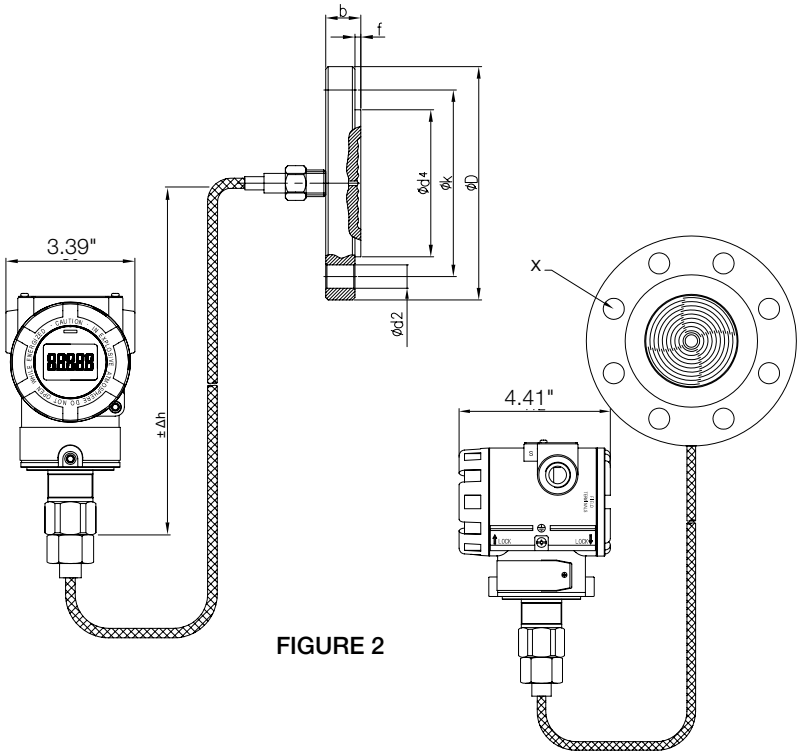

FIGURE 2

Example of PAS Remotely Assembled with Extended Diaphragm Seal and Capillary

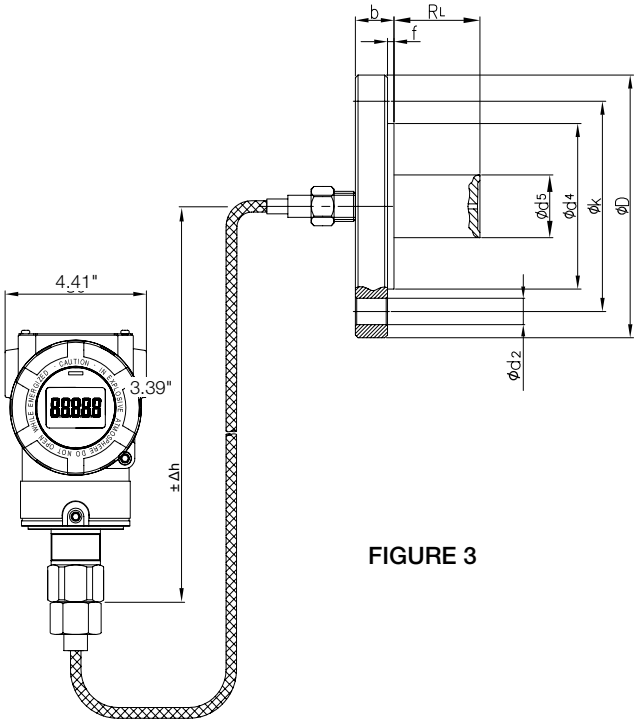

FIGURE 3

Special Requirements or Additional Considerations:

* For Dimensional Details, see DRM Datasheet

**Once completed, please save and email this form to your KOBOLD contact or info@koboldusa.com, or fax to 412-788-4890.*