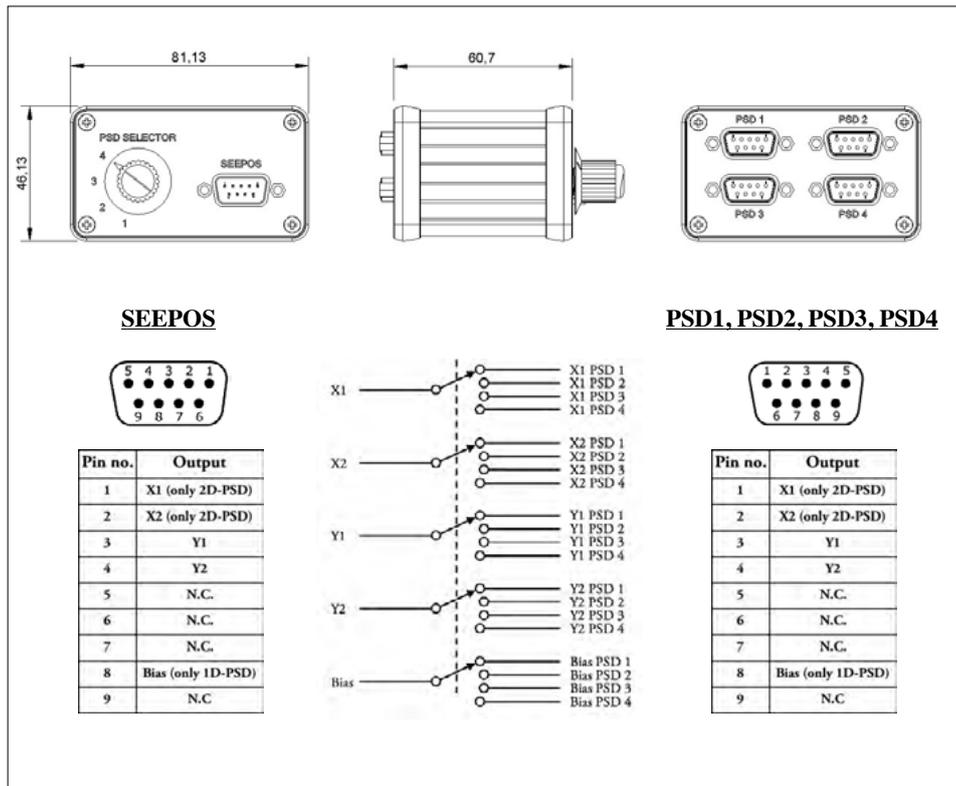


SEEPOS **SiTek®**
ELECTRO OPTICS

PSD Switch

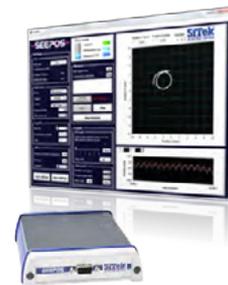
Part number: SE-0033
Description : PSD Switch

The SiTek PSD Switch is a SEEPOS accessory which allows the connection of up to 4 PSDs to SEEPOS. By rotating the knob one can choose which PSD to use for the measurement. The PSD switch comes with a high quality multi deck rotary switch, Dsub9 connectors and a rugged housing of black anodized aluminum housing. The PSD Switch is directly compatible with SEEPOS as well as SiTek's high linearity PSDs housed in PSD holders MH01 and MH02.



SEEPOS – PSD Signal Processing System

For most position measurement applications the SiTek SEEPOS system offers a complete and easy-to-use solution. It is a versatile PSD signal processing tool optimized for development of PSD systems. High speed PSD electronics combined with digital signal processing and high speed USB data transfer makes it possible to build your own powerful measurement system. All parameters, such as PSD bias voltage, amplifier gain, the use of analog and digital filters etc., are easily controlled from the software and light spot position is continuously displayed both in XY and X-t, Y-t graphs.



SiTek PSDs assembled in PSD Holder MH01 and MH02

SiTek's high linearity PSDs are also available in mechanical holders suitable for optical system setups. Smaller PSDs (1D-PSDs 2,5 – 20 mm, 2D-PSDs 2x2 – 20x20 mm²) are available in the MH01 holder (52x 52 mm²) while larger PSDs (1D-PSDs 30 – 60 mm, 2D-PSDs 20x20 – 45x45 mm²) are available in the MH02 holder (84x84 mm²) and the PSD is easily accessed via a DSUB9 connector. The holders are designed to fit standard optomechanical components, such as posts, cages and lens tubes, as well as standard optical filters. To minimize reflections they have a black anodized surface.



Ref: No. SE-0033 PSD Switch

Date: 2019-12-04

Information in this data sheet is believed to be reliable. However, no responsibility is assumed for possible inaccuracies or omissions. Specifications are subjected to changes without notice.