



## | SPEED BRAKE

### Description

Kavlico's Speed Brake meets the small envelope, minimum weight, built in redundancy for safety and high reliability demanded by today's aerospace industry.

The design of the Speed Brake contains many features common to Kavlico's overall line of pilot control products.

The Speed Brake's high reliability and durability has been verified through extensive environmental and endurance testing.

Once the Speed Brake lever has been disengaged from the stow position detent, there are no further position detents, allowing for smooth motion with sufficient friction to prevent lever creep during all operational vibration conditions.

The Speed Brake may be specified with either three or four RVDT's to comply with the application-specific requirements of each system. Command signals generated are output via two Mil Std 38999 connectors.



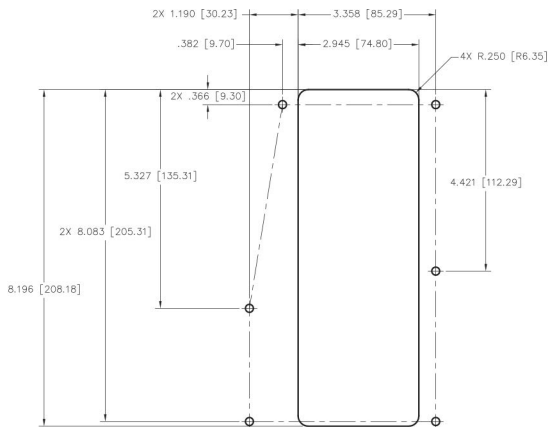
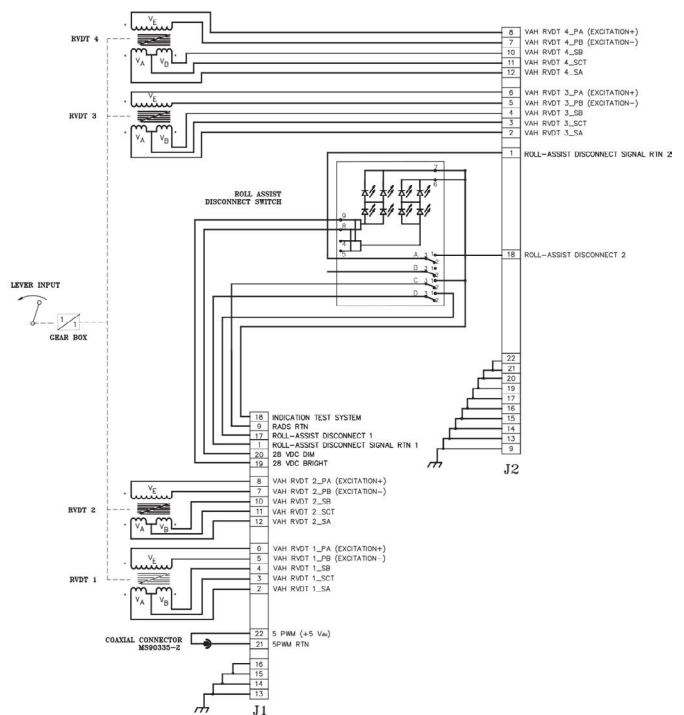
### Features

- 3 or 4 channel RVDT availability
- Detent at the stow position
- Retained installation hardware (Dzus 1/4 turn) permits rapid line replacement (option - not shown)
- Foreign Object Debris (FOD) shield with wipers designed to prevent entry of cockpit debris, fluids, and dust
- 100,000 flight hours MTBF (predicted)
- Qualified per RTCA/DO-160 and MIL-STD-810

<b>Positions</b>	Stow and variable lever position with no intermediate position detents
<b>Mechanical Travel</b>	Lever travel of 60 degrees
<b>Lever Grip</b>	Brushed Nickel
<b>Illuminated Panel</b>	Color to suit cockpit interior SAE 7788, Type VII, 5 VDC, Cls 2-BW
<b>Electrical Receptacles</b>	MIL-DTL-D38999 Connectors, Series III
<b>Weight</b>	Less than 4 lbs. (1.8 kg.) Max.


**DIMENSIONS**

Dimensions in mm [Inch]

**Cut Out Dimensions**

**Schematic**


Revised 2/16/18

Sensata Technologies, Inc. ("Sensata") data sheets are solely intended to assist designers ("Buyers") who are developing systems that incorporate Sensata products (also referred to herein as "components"). Buyer understands and agrees that Buyer remains responsible for using its independent analysis, evaluation and judgment in designing Buyer's systems and products. Sensata data sheets have been created using standard laboratory conditions and engineering practices. Sensata has not conducted any testing other than that specifically described in the published documentation for a particular data sheet. Sensata may make corrections, enhancements, improvements and other changes to its data sheets or components without notice.

Buyers are authorized to use Sensata data sheets with the Sensata component(s) identified in each particular data sheet. HOWEVER, NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE TO ANY OTHER SENSATA INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY THIRD PARTY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT, IS GRANTED HEREIN. SENSATA DATA SHEETS ARE PROVIDED "AS IS". SENSATA MAKES NO WARRANTIES OR REPRESENTATIONS WITH REGARD TO THE DATA SHEETS OR USE OF THE DATA SHEETS, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ACCURACY OR COMPLETENESS. SENSATA DISCLAIMS ANY WARRANTY OF TITLE AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, QUIET POSSESSION, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS WITH REGARD TO SENSATA DATA SHEETS OR USE THEREOF.

All products are sold subject to Sensata's terms and conditions of sale supplied at [www.sensata.com](http://www.sensata.com) SENSATA ASSUMES NO LIABILITY FOR APPLICATIONS ASSISTANCE OR THE DESIGN OF BUYERS' PRODUCTS. BUYER ACKNOWLEDGES AND AGREES THAT IT IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL LEGAL, REGULATORY AND SAFETY-RELATED REQUIREMENTS CONCERNING ITS PRODUCTS, AND ANY USE OF SENSATA COMPONENTS IN ITS APPLICATIONS, NOTWITHSTANDING ANY APPLICATIONS-RELATED INFORMATION OR SUPPORT THAT MAY BE PROVIDED BY SENSATA.

Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA.

**CONTACT US**
**Americas**

+1 (805) 716-0322

[info.kavlico@sensata.com](mailto:info.kavlico@sensata.com)