

MEMSCAP

SENSOR SOLUTIONS

TPS3150 SMART PROGRAMMABLE PRESSURE SWITCH AEROSPACE GRADE PRELIMINARY

Memscap high-end sensors, transducers and switches offer unique performance for your applications.

The proven high quality and reliability of our sensors that match Aerospace and Defence standards offer unmatched results in a wide variety of industry applications ranging from Aviation, Meteorology, Instrumentation as well as R/D programs.



APPLICATIONS

- * Aerospace/Avionics
- * Industrial
- * Cabin pressure Control Systems
- * UAV's/Drones
- * Aux. Power Units
- * Defence

FEATURES

- * Temperature range -40/80 °C
- * Transistor switch output
- * Fully compensated and linearized.
- * Software compliant with RTCA DO-178B, level D
- * Built with Memscap SP82"L" high spec sensor
- * Available in absolute and relative versions

BENEFITS

- * Factory Programmable set/trig point
- * Very high accuracy
- * Excellent long term stability
- * High resolution 16+8 bit AD converter
- * Based on MIL std 883 compliant hermetic sensor
- * Stainless Steel body and Cromatized Alu cover

Bei Rückfragen wenden Sie sich bitte an:
For requests please contact:

HJK Sensoren + Systeme 
Tel. +49 (0)8233-77963-0
Fax +49 (0)8233-77963-11
www.hjk.de mailto: info@hjk.de



MEMSCAP®
The Power of a Small World™

European Headquarters MEMSCAP
Parc des Fontaines
Bernin
38926 Crolles Cedex FRANCE

Tel: +33 (0)4 76 92 85 00
Fax: +33 (0)4 76 92 85 01

www.memscap.com
sensors@memscap.com

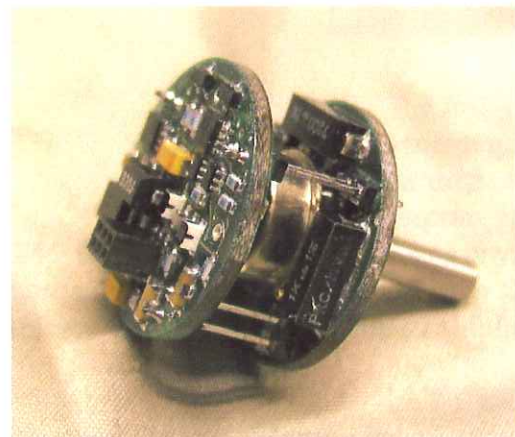
MEMSCAP Sensor Solutions Norway
MEMSCAP as
Langmyra 9, Skoppum
N-3185 HORTEN, NORWAY

Tel: + 47 330 84000
Fax: + 47 330 84001

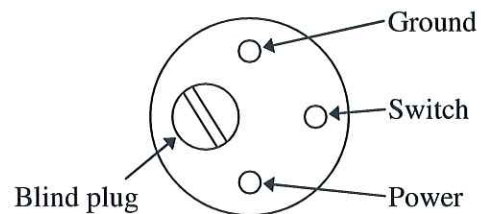
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SPECIFICATIONS

Parameter	Min.	Typ.	Max.	Unit
Pressure ranges (absolute and relative)	0 - 0.5		0 - 30	bar
Overpressure			150	% FSO
Power-supply	4.5		16	V
Current consumption			2.6	mA
Total pressure error (absolute)			< ±0.1	% FSO
(relative)			< ±0.2	% FSO
Long term stability (at ambient temperature)		< 0.02	< 0.05	%FSO / year
Response time			80	ms
Power up time		1.5		s
Memory retention time (at 85°C)			10	Years
(at 55°C)			100	Years
Calibration temperature range	-40		80	°C
Operating temperature range	-40		85	°C



EXTERNAL CONNECTOR PINS



MECHANICAL DIMENSIONS

