



ES AIR SPEED SENSOR

PROCESSOR	Ultra-Low Power microcontroller
PRESSURE SENSOR	All Sensors AUAV-L30D-M25125
OUTPUT	Differential and absolute pressure outputs
TEMPERATURE COMPENSATION	-40°C to +75°C
MAGNETOMETER	Optional
COMMUNICATION	UAVCAN, DroneCAN
MIL-SPEC CONNECTOR	4 pin locking small form factor IP68 (unmated) connector
PRESSURE RANGE	2500 Pa (± 10 inH ₂ O)
BURST PRESSURE	75 kPa
PRESSURE MIN	-30 kPa
PRESSURE MAX	30 kPa
SPEED RANGE	± 250 km/hr
WEIGHT	3 g
DIMENSIONS	25 x 25 mm
POWER INPUT	5 V (Over integrated connector)
POWER CONSUMPTION	30 mA (Maximum)
TEMPERATURE RANGE	-40°C to +85°C (Operational) -65°C to +150°C (Storage)
ENVIRONMENTAL	MIL-STD-810H
EMI/EMC	MIL-STD-461G
WATER RESISTANCE	Fully-Potted IP67 (Except for measurement ports) or conformally coated (nano-spec)