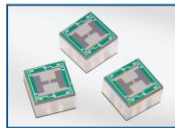


Drucksensoren Merit Sensor

MEMS SENSING ELEMENTS

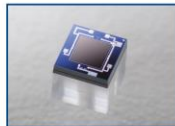
L Series

psi	0.15–1
mbar	10.3.–68.9
kPa	1–6.9
size (mm)	3.3 x 3.3



J Series

psi	1–300
bar	0.07–21
kPa	7–2,100
size (mm)	1.95 x 1.95



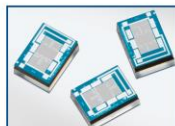
D Series

psi	15–300
bar	1–20.7
kPa	103–2,068
size (mm)	1.42 x 1.42



7000 Series

psi	15–500
bar	1–34.5
kPa	103–3,447
size (mm)	2.2 x 1.6



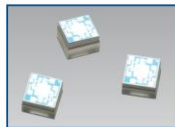
HM Series

psi	15–500
bar	1–34.5
kPa	103–3,447
size (mm)	2.08 x 2.08



K Series

psi	1,000–10,000
bar	68.9–690
kPa	6,895–68,948
size (mm)	1.4 x 1.4



CUSTOM ASSEMBLIES

MSS 100

wet, harsh media

psi	15–100
bar	1–6.9
kPa	103.4–689.5
temp (°C)	10–50



EVALUATION KITS

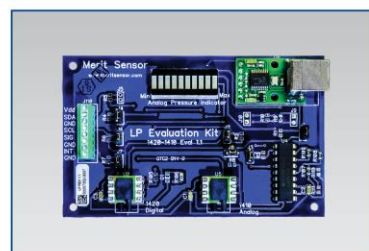
MeriTREK

TR Series evaluation kit



MULPEK

LP Series evaluation kit



Merit Sensor offers MEMS pressure sensors from 0 to 15,000 psi in absolute, differential, gage, and vacuum configurations. All products are RoHS compliant and AEC-Q100 certified. Merit Sensor is ISO9001 certified.

PASSIVE COMPENSATED PACKAGES

BP Series

blood pressure

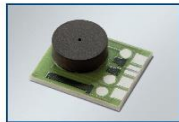
mmHg	-30–300
psi	-0.58–5.8
mbar	-40–400
kPa	-4–40
size (mm)	10.5 x 8.1
temp (°C)	15–40



AP Series

laser-trimmed output

psi	-15–300
bar	-1–20.7
kPa	-103–2,068
size (mm)	12.45 x 14.73
temp (°C)	10–40

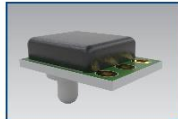


COMPENSATED PACKAGES

TVC Series

wet, harsh media

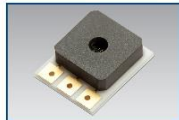
psi	15–300
bar	1–21
kPa	103–2,068
size (mm)	10.4 x 13.8
temp (°C)	-40–150



TR Series

wet, harsh media

psi	15–500
bar	1–34.5
kPa	103–3,447
size (mm)	10.16 x 12.7
temp (°C)	-40–150



LP Series

ultra-low pressure

psi	0.15–1
mbar	10.3–68.9
kPa	1–6.9
inH ₂ O	4.2–27.7
size (mm)	10.2 x 13.3
temp (°C)	-40–85



UNCOMPENSATED PACKAGES

SMD & MS Series

surface mountable

psi	5–500
bar	0.34–34.5
kPa	34.5–3,447
size (mm)	7.6 x 7.6 (SMD)
size (mm)	6.4 x 6.4 (MS)
temp (°C)	-40–85



PMD Series

thru-hole mountable

psi	5–50
bar	0.34–3.5
kPa	34.5–345
size (mm)	8.1 x 7.6
temp (°C)	-40–85



RPD Series

polycarbonate port

psi	0–500
bar	0–34.5
kPa	0–3,447
size (mm)	8.9 x 7.6
temp (°C)	-40–85

