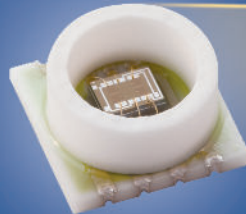
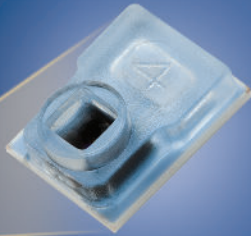
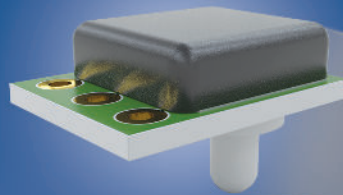


MERIT SENSOR™



MEMS PRESSURE SENSORS

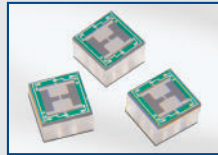


MERIT SENSOR™

MEMS SENSING ELEMENTS

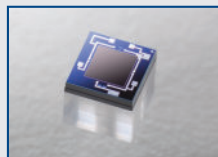
L Series

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



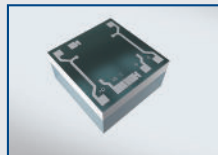
J Series

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



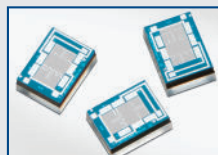
S Series

psi	5–300
bar	0.34–21
kPa	34–2,068
size (mm)	1.5 x 1.5



7000 Series

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



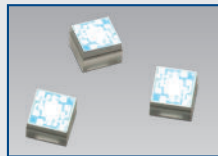
HM Series

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



UNCOMPENSATED PACKAGES

SMD & MS Series

surface mountable

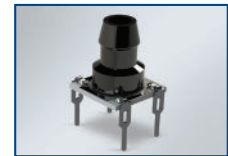
psi	5–500
bar	0.34–34.5
kPa	34.5–3,447
temp (°C)	-40–85



PMD Series

thru-hole mountable

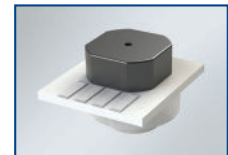
psi	5–60
bar	0.34–4.1
kPa	34.5–414
temp (°C)	-40–125



RPD Series

polycarbonate port

psi	0–500
bar	0–34.5
kPa	0–3,447
temp (°C)	-40–85



RS & RSH Series

surface mountable

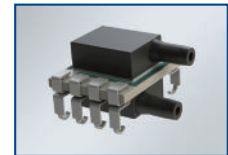
psi	0–500
bar	0–34.47
kPa	0–3,447
temp (°C)	-40–85 (RS) -40–150 (RSH)



LP Series (1400)

ultra-low pressure

psi	0.15–15
mbar	10.34–1,034
kPa	1.03–103
inH ₂ O	4–415
temp (°C)	-40–85

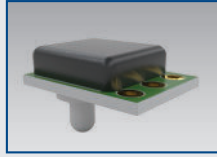


COMPENSATED PACKAGES

TVC Series

wet, harsh media

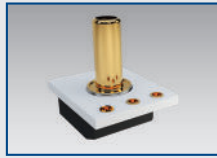
psi	15–300
bar	1–21
kPa	103–2,068
temp (°C)	-40–150



TR Series

wet, harsh media

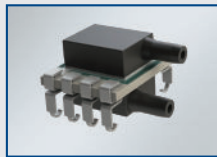
psi	15–500
bar	1–34.5
kPa	103–3,447
temp (°C)	-40–150



LP Series (1410 & 1420)

ultra-low pressure

psi	0.04–15
mbar	2.49–1,034
kPa	0.25–103
inH ₂ O	1–415
temp (°C)	-40–85



HTS Series

analog & digital

psi	1–100
mbar	68.95–6,895
kPa	6.89–689.5
temp (°C)	-40–125



PASSIVE COMPENSATED PACKAGES

BP Series

blood pressure

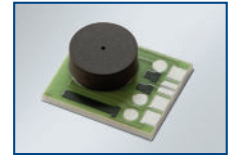
mmHg	-30–300
psi	-0.58–5.8
mbar	-40–400
kPa	-4–40
temp (°C)	15–40



AP Series

laser-trimmed output

psi	0–500
bar	0–34.5
kPa	0–3,447
temp (°C)	10–40



CUSTOM ASSEMBLIES

MSS100

wet, harsh media

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



EVALUATION KITS

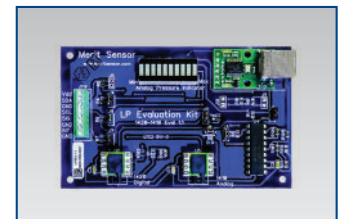
MeriTREK

TR Series evaluation kit



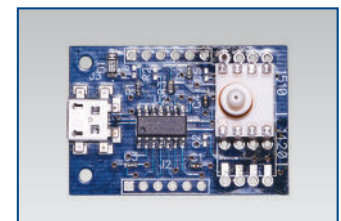
MULPEK

LP Series evaluation kit



miniPEK

LP Series & HTS Series evaluation kit



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