



AET General Purpose Pressure Sensor

The AET range has been developed by Applications Engineering Ltd as a general-purpose pressure sensor suitable for a wide range of applications and features a good selection of options at a great price.


Ranges	V4: -1-4 Bar 5: 0-5 Bar 10: 0-10 Bar 20: 0-20 Bar 60 :0-60 Bar	100 :0-100 Bar 250: 0-250 Bar 400: 0-400 Bar 600: 0-600 Bar
	Other ranges available on request	
Thread Sizes	G14: G1/4" R14: R1/4" N14: 1/4" NPT	G12: G1/2" G18: G1/8" N18: 1/8" NPT
	Other sizes available on request	
Outputs	42: 4-20mA 050: 0-5V 545: 0.5-4.5 Ratiometric	010: 0-10V
Electrical Connection	DC: DIN 43650C M: M12 x 1 C: Cable	DA: DIN43650A P: Packard Metri-Pack CG: Cable Gland
Seal options (G1/4 only)	B: NBR F: Viton	
Wetted Parts	304SS	
Input Voltage	9-30Vdc	
Overload	150% Full scale	
Burst Pressure	300% Full scale	
Response Time	<5ms	
Accuracy	±0.5%	
Combined Error	0.5% FSO 0.25% FSO 0.1% FSO (Including Linearity, Repeatability & Hysteresis)	
Repeatability	≤ +/- 0.2%FSO	
Long Term Stability	≤ +/-0.2%FS/year	

How to Order

Example:
AET-10-G14-DC-42-9-B
AET: Series
10: 0-10 Bar
G14: G1/4" (1/4" BSP)
DC: DIN 43650C electrical connection
42: 4-20mA Output
9: 9-30Vdc input voltage
B: NBR seal (G14 option only)


SPECIFICATIONS

DIN43650C Connector



Pin	2-wire		3-wire	
	Definition	Wire Color	Definition	Wire Color
1	Power	Red	Power	Red
2	Output	Green / Blue	GND	Black
3			Output	Green / Blue
	Shield	Black	Shield	Yellow

Packard Connector




Pin	2-wire		3-wire	
	Definition	Wire Color	Definition	Wire Color
A	Shield	Black	GND	Black
B	Power	Red	Power	Red
C	Output	Green / Blue	Output	Green / Blue
				Yellow (Shield)

Cable Outlet



Wire Color	Pin Definition	
	2-wire	3-wire
Red	Power	Power
Green / Blue	Output	Output
Black	Shield	GND
Yellow		Shield

M12x1 4-pin Connector



Pin	2-wire		3-wire	
	Definition	Wire Color	Definition	Wire Color
1	Power	Red	Power	Red
2	Output	Green / Blue	Output	Green / Blue
3			GND	Black
4	Shield	Black	Shield	Yellow

