

Trafag 4-20mA Pressure Transmitters

Applications

Hydraulics/pneumatics, Compressors, Machine tools, Refrigerant (not for ammonia refrigerant, other sensors suitable for ammonia are available)

Features

Rugged construction
 1/4" Stainless steel BSP screw fitting
 (7/16-20UNF fitting for refrigerant models)
 Optimum media compatibility
 Integrated Peak Pressure Damping

Specifications

Pressure range: 0 - 1 to 0 - 400 bar G
 Output: 4-20mA
 Loop supply: 12 to 32 VDC
 Insulation resistance: . 10M Ω , 250VDC
 Repeatability: \pm 0.05%
 Accuracy NLH: \pm 0.5% FS typical
 Zero offset: \pm 0.3% FS
 Operating temp: -10 to 80°C
 Temperature coef: . . . Zero \pm 0.03%/K/FS typical
 (\pm 0.06%/K/FS max.)
 Span \pm 0.03%/K/FS typical
 (\pm 0.06%/K/FS max.)
 Short circuit current: . . 25mA approx.
 Max. load: (Supply V - 10V)/20mA
 Over pressure rating: . . At least 2 times
 depending on range
 Protection: IP65
 Weight: 110g approx.

Order code stainless steel body:

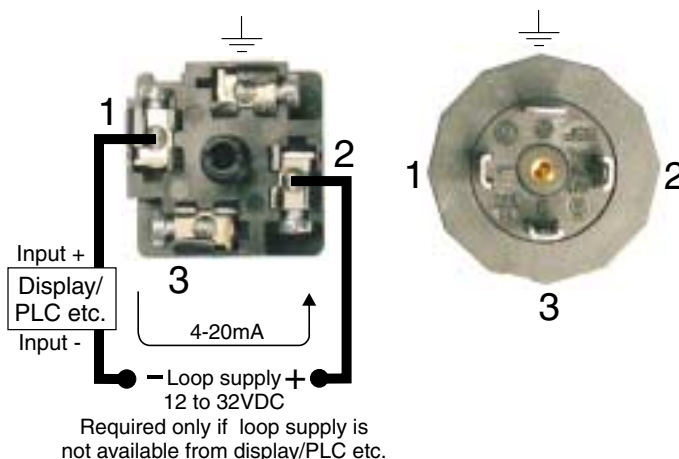
PX-ECOS1.0A 0 to 1 bar
 PX-ECOS2.5A 0 to 2.5 bar
 PX-ECOS6.0A 0 to 6 bar
 PX-ECOS10.0A 0 to 10 bar
 PX-ECOS16.0A 0 to 16 bar
 PX-ECOS25.0A 0 to 25 bar
 PX-ECOS40.0A 0 to 40 bar *
 PX-ECOS100.0A 0 to 100 bar *
 PX-ECOS250.0A 0 to 250 bar *
 PX-ECOS400.0A 0 to 400 bar *

Order code refrigerant models, brass body only

(not suitable for ammonia refrigerant, other sensors suitable for ammonia are available):
 Process connection by 7/16-20UNF thread
 PX-ECOR9.0A -1 to 9 bar
 PX-ECOR34.0A 0 to 34 bar
 * Denotes these ranges available but not stocked.



Electrical connections



Dimensions

