Models 422/423 PRESSURE TRANSMITTER



FEATURES

- Small size 7/8" diameter
- ±0.08% combined accuracy option
- 4-20 mA, 0-5 Vdc output, 0-10 Vdc optional
- Stainless steel construction

TYPICAL APPLICATIONS

- **Automotive test**
- Brake test
- **Engine test**
- Transmission test
- Leak detection

HIGH-PERFORMANCE

Models 422/423 are versatile highperformance test and control sensors that offer a fast response time, noise immunity, and are CE compliant. Viatran takes pride in offering excellent customer support combined with a technically superior product.

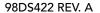
INSPIRED BY SMALL SPACES

Models 422/423 are small in size, but pack a high-performance punch. The electronics and silicon sensor design have a combined accuracy of better than ±0.08%. Available standard outputs are 4-20 mA, 0-5 Vdc or 0-10 Vdc.

Viatran's ability to customize products provides extreme flexibility, allowing the 422/423 to easily fit into your existing system. Options include alternate pressure ports, electrical connectors, direct-coupled cable, shunt calibration and various electrical outputs.

EASILY ADAPTABLE

The 422/423 series is just one of the latest additions to Viatran's portfolio of pressure sensors. They are designed to fit a wide range of applications where accuracy, stability, and reliability are important. The standard 6-pin bayonet electrical connector is one of many standard features.







Models 422/423 PRESSURE TRANSMITTER

	Identification	Lagar atched anto hady
	Weight	
	Housing	
MATERIALS OF CONSTRUCTION	Wetted Parts	
	Pressure Cavity Volume	
		10,000 PSI (689 bar) max
		5 times for 1,000 to 5,000 PSI (60 to 345 bar) ranges
	บนเอเ เ เซออนเซี	4.8 times for 500 PSI (35 bar) range
	Ruret Praceura	2 times for ≤300 PSI (20 bar) range
		2 times for 5,000 PSI (345 bar) range
		3 times for 1,000 to 3,000 PSI (69 to 207 bar) ranges
	F1001 F1699016	3 urnes range for ≤300 PSI (20 bar) range 2.4 times for 500 PSI (35 bar) range
MECHANICAL CONNECTION		
MECHANICAL CONNECTION	Pressure Connection	1/9" NDT famala
	ZU	Cable gland
	BN	
Connector (
	Pin F No connection	
	Pin E AC ground (standard)	
	Pin D -Signal	
	Pin C +Signal	
	Pin B -Power	Power/Signal
	Pin A +Power	+Power/Signal
	422	
	Electrical Connections	
	Response Time	
	Insulation Resistance	
	RFI/EMI Suppression	
		Withstand 1000 volt spike per EN6100-4-5
		Short circuit and reverse polarity protected
Output	423	
Output	t Signal 422	
	Power Supply Regulation	
очрыу	423	
ELECTRICAL Supply	Voltage 422	9 to 30 Vdc (12 to 30 Vdc for DM option)
	Combined Thermal Effect (zero & spar	n)≤±2% FSU per 100°F typicai
	Maximum Fluid Temperature	
		40°F to 185°F (-40°C to 85°C)
	Compensated Temperature	
	Long Term Stability	
	423	
Full Scale		
	Hysteresis & Repeatability	
		≤±0.06% FSO standard, optional ±0.04%
	Zero balance	
		0-15 PSIV (0-1.03 barV)*

^{*} Modified specification for vacuum and compound ranges: Compensated Temperature Range: 32°F to 170°F (0°C to 77°C)

Information is accurate to the best of Viatran's knowledge. We reserve the right to change specifications at any time. 98DS422 REV. A





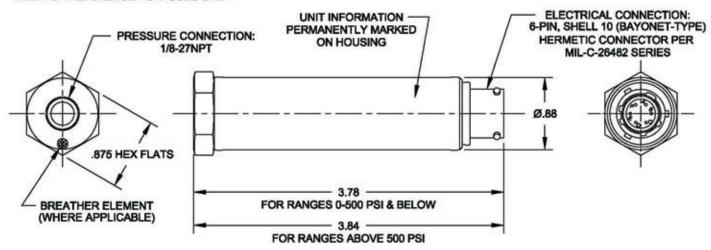
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OPTIONS Altern		DAlsolated internal shunt calibration (6-pin connector required)
		DE
		DGlmproved temperature performance
		DHSpecial range
		DMModified FSO>5Vdc; 422; (Requires 12 to 30 Vdc Supply Voltage)
		DN
		DQCleaning for oxygen service
		DXModified FS0<5Vdc; 422
		EASpecial calibration
		LVExternally powered optically isolated
		shunt calibration (6-pin connector required)
		NHCustomer specified marking
		TUCompound special ranging
	Alternate Pressure Ports	VE1/4 AN bulkhead mount
		VF1/4 tube Swagelok bulkhead
		VGM12 x 1.5 mm female
		VHM12 x 1.5 mm male
		WQG 1/4 female
		YAMS33649-04
		YCMS33656-04
		YH1/8" NPTM
		YI
		YJ1/4" NPTF
		YK1/4" NPTM

ACCESSORIES

Mating cable assembly Pressure port adapters

ALL DIMENSIONS ARE NOMINAL, IN INCHES AND FOR REFERENCE PURPOSES ONLY



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