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PT105+ Datasheet  
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GENERAL			
Tag Number			PT 021
Service			DOWNHOLE PRESSURE
P & ID No:			
Location:			
Line No:		Piping Class:	
Purchase Order No:		Item No:	
Manufacturer:			Geopsi
Model No:			ResTraq
Supplier:			Qteq Pty Ltd
SERVICE CONDITIONS:			
Fluid:		State:	
Pressure:	Minimum	Normal	kPag
	Design	Maximum	kPag
Temperature:	Minimum	Normal	°C
	Design	Maximum	°C
Corrosive Compounds:			
Hazardous Area Classification:			
CONSTRUCTION:			
Manufacturer:			Geopsi
Model Number:			PT105+
Mounting:			Downhole
Body rating		MPa	35
Sensor Body Material:			Stainless steel 316L
Drains and Vents Material:			N/A
Bolts Materials:			N/A
Element Material:			Silicon
Element Type:			Piezo Resistive
Element Fill:			
Over Pressure Protection:		bar	
Span Adjustment:		external / internal	N/A
Zero Adjustment:		external / internal	N/A
Calibrated Range:		kPag	0-10342
Zero Elevation / Suppression		%	0
Output Signal:		mA	Modbus RTU or 4-20mA
Power Supply:		VDC	12/24VDC
Power Source:		Loop/Field	Field
Accuracy:		±% Span	Pressure: 0.025% FS Temperature: 0.5°C
Total Temperature Effect:		±% Span	
Repeatability:		±% Span	
Integral Output Meter type:			Remote: G6 Card
Meter Scale:			Pressure (kPa) and Temperature (°C)
Enclosure type:		IP Rating	
Enclosure material:			WHO: Stainless Steel
Certification:			WHO: IECEx EXV 16.0008X Ex d IIC T3 Gb
Function:		Blind/Integral/Indicate	
Smart Capability:		Yes/No	Yes
Protocol:		Hart/Fieldbus/Other	Modbus RTU
Electrical Connections:		Device No. of Wires:	Screw Terminals 1 Pr SWA
Cable Entry:		Conductor Size:	M20 0.5mm <sup>2</sup> to 1.0mm <sup>2</sup>
Process Connections:			1/2" NPT
Nace Certified to MR-01-75-99			N/A
VALVE MANIFOLDS:			
Manufacturer:			N/A
Model:			
Type:			
Mounting:			
Material:			
Manifold Process connection:			
NOTES:			