PERCEPTIVE SENSOR TECHNOLOGIES

TRANSMIX-ID™

OPERATIONAL EXCELLENCE & CRITICAL/QUALITY ALERT

Class 1, Division 1 Rated (EX) pictured

IDENTIFY TRANSMIX COMPONENTS (20+ REFINED PRODUCTS) IN REAL-TIME & A NON-INTRUSIVE INSTALLATION

》 Savings in Operational Downtime

》 C1D1 Certified or General Purpose

》 Non-intrusive Installation

》 Installs on 4" - 48" Pipe

》 Typically in midstream pipes and terminals

》 Capital Purchase or Lease Option Available

》 WiFi, Cellular, or Modbus Communications Options

》 Small Footprint (wraps outside of pipe)

》 Low Power (24 VDC Hardwired)

ORDERING PROCESS: (EXAMPLE: MK1000A:B1:08:PC:EX:D20:1:W1:Y:HW)

	BASE MODEL	HOUSING	PIPE SIZE	MOUNTING	CLASS	ID DB	POWER	MODBUS	EDGE	ES COMM
(example)	MK1000A	B1 :	08 :	PC :	EX :	D20 :	1 :	W1 :	Y :	HW
YOUR ORDER:	MK1000A									
	BASE MODEL	HOUSING	PIPE SIZE	MOUNTING	CLASS	ID DB	POWER	MODBUS	EDGE	ES COMM

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MODEL NUMBER

TRANSMIX-ID™

OPERATIONAL EXCELLENCE & CRITICAL/QUALITY ALERT

PST PRODUCT: Transmix-ID™

BASE MODEL #	DESCRIPTION
MK1000A	Transmix Software & Monitoring with Liquid ID and Digital Output

HOUSING STYLE

B1	Integral Sensor and Electronics mount on same pipe connected by PST cable
B2	Sensor mounts on process pipe & Electronics connected by 3' PST cable mounted via 2" Pipe Mount Bracket

PIPE SIZE

08	*04"* to *48"* (10.16 cm - 121.92 cm)

MOUNTING

PC	Pipe Clamp
MA	Magnet (hurricane rated)
SM	Magnet (hurricane rated, secured for anti theft)

ENCLOSURE / CLASSIFICATION

GP	NEMA 4X / General Purpose
EX	Class 1 Groups C, D Class 2 Groups E, F, G (rated)

ID DATABASE MATERIALS (1)

D01	No Database Options
D05	5 Material Database Items
D20	20 Material Database Items
DXX	Any Amount over 20 Material Database Items (2)
	D** Indicates Number of Required Accessible Material Database Items

POWER

1	Hardwired DC Power 24VDC (Class II Power Supply provided by customer)

MODBUS COMMUNICATION   *(COMMUNICATION FROM PIPE MOUNTED DEVICE TO EDGE SERVER)*

H1	Hardwired Modbus RTU RS485
W1	Wireless Modbus RTU RS485 (900 MHz Following ISA/SP100 Standards)

EDGE SERVER   *(NON-PST EDGE SERVER VOIDS WARRANTY)*

Y	Yes, I need an Edge Server
N	No, I already have a PST Edge Server I will use at my facility

EDGE SERVER COMMUNICATIONS   *(COMMUNICATION FROM EDGE SERVER TO DEVICE CONSUMING THE DATA/CLOUD BACKUP)*

WF	WiFi - 2.4 GHz (802.11 b/g/n)(Ability to connect to customer WiFi network)
C1	Cellular (AT&T) (Customer Data Plan Required) (Used for cloud backup if desired)
HW	Hardwired - Ethernet Only
NA	I already have a PST Edge Server at my facility

MODBUS COMMUNICATIONS

HOW DO YOU WANT YOUR SENSOR TO COMMUNICATE WITH THE PST EDGE SERVER?

HARDWIRED MODBUS RTU RS485 (SELECT H1)

WIRELESS MODBUS RTU RS485 (SELECT W1)

PST SENSOR

EDGE SERVER COMMUNICATION

HOW DO YOU WANT THE PST EDGE SERVER TO INTERFACE WITH YOUR OPERATORS?

ETHERNET/INTERFACE INTO LOCAL NETWORK (SELECT WF)

CELLULAR (AT&T) (SELECT C1)

HARDWIRED MODBUS RTU RS485 (SELECT HW)

PST EDGE SERVER

CLOUD OR CUSTOMER CONTROL SYSTEM

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*Notes:
    (1) Select the appropriate amount of materials based on your requirements. A PST team member will reach out to verify the Materials
    (2) For any more than 20 database materials required, select option DXX and add $250 per database material over 20 to price.
         Example: 'D24', would be a $1,000 increase (4 * $250) over 'D20'

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