

INSTALLATION INSTRUCTIONS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APP
B2, B4	A	MARKINGS REVISED FROM EEx TO Ex AS REQUIRED PER ATEX SUPPLEMENTAL CERTIFICATION NUMBER; LCIE ATEX 6280 X/01.	3/26/09	JD

SPECIAL CONDITIONS FOR SAFE USE:

- THE PICKUPS ARE ELECTRICAL EQUIPMENTS INTRINSICALLY SAFE. THEY CAN BE USED IN POTENTIALLY EXPLOSIVE ATMOSPHERES.
- THE APPARATUS MUST ONLY BE ASSOCIATED TO A CERTIFIED INTRINSICALLY SAFE EQUIPMENT AND THIS COMBINATION MUST BE COMPATIBLE AS REGARDS INTRINSIC SAFETY RULES, SEE ELECTRICAL PARAMETERS IN TABLE 1.
- AMBIENT OPERATION TEMPERATURE: -50°C TO +175°C.
- TEMPERATURE CLASS:

TEMPERATURE CLASS	T6	T5	T4	T3
MAXIMUM AMBIENT TEMPERATURE	+80°C	+95°C	+130°C	+175°C


SPECIFIC PARAMETERS OF THE MODE OF PROTECTION CONCERNED:

ELECTRICAL SPECIFICATION U, I, P OF THE MATERIALS WHICH COULD BE ASSOCIATED TO THE PICKUP WILL NOT EXCEED ANY OF THE FOLLOWING VALUES;

MODEL	GAS GROUP	Ui (V)	Ii (mA)	Pi (W)	CI (F)	Li (mH)
RF10-XXX	IIC	30	160	0.75	0	1.2
	IIB	30	300	1.9	0	1.2
PC45-XXX	IIC	30	300	0.75	0	0

THE MARKING IS AS FOLLOWS:

PC45-XXX AA BB YYYYYYYYYY	 II 1 G Ex ia IIC T6 to T3 LCIE 03 ATEX 6280 X MOTION SENSORS, INC. ELIZABETH CITY, NC 27909
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PC45-XXX AA BB YYYYYYYYYY	 II 1 G Ex ia IIC T6 to T3 LCIE 03 ATEX 6280 X MOTION SENSORS, INC. ELIZABETH CITY, NC 27909
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DATE CODE DETAIL

AA = MONTH (01 THRU 12)
BB = YEAR (LAST 2 DIGITS)
YYYYYYYYYY = LOT NUMBER

		MATERIAL	APPROVALS		MOTION SENSORS, INC. ELIZABETH CITY, NC 27909 TITLE INSTALLATION INSTRUCTIONS FOR ATEX CERTIFIED INSTALLATIONS FOR THE PC45 AND RF10 SERIES INTRINSICALLY SAFE PICKUPS
			DRAWN	DATE	
			JDEFFO	11/06/07	
			CHECK		
			M. BERGMAN	11/06/07	
		FINISH	ISSUED		
			JDEFFO	11/07/07	
NEXT ASSY	USED ON		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES OTHER THAN THE SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS: 2 PLACE DECIMAL ± .01 3 PLACE DECIMAL ± .005 FRACTIONAL ± 1/64 ANGULAR ± 1/2°		
APPLICATION			SIZE	CAGE CODE	DWG NO
			C	OY2U4	ST-A-1620
			SCALE	NONE	SHEET
					REV A