



786 Pitts Chapel Road
 Elizabeth City, NC 27909
 (252) 331-2080 phone
 (252) 331-1666 fax
 www.motionsensors.com

EU Declaration of Conformity

Manufacturer: Motion Sensors Inc., 786 Pitts Chapel Rd, Elizabeth City, NC 27909

Equipment: Explosion Proof pickups

Designation/Model: RF75-xxx, DR75-xxx, H75-xxx, HD75-xxx, PC75-xxx
 PC75-xxx, DM75-xxx, HM75-xxx, HN75-xxx
 MR75-xxx, MS75-xxx, PC45-xxx, RF10-xxx

Note: "xxx" in Model Number may be any combinations of numbers and characters representing specific options.

Marking: MOTION SENSORS INC
 ELIZABETH CITY, NC 27909
 YY75-XXX
 SERIAL #: YEAR OF CONSTRUCTION:
 Ex II 2 G
 Ex d IIC T6 to T2*
 LCIE 11 ATEX 3029 X
 IECEx LCI 11.0012 X
 xx°C ≤Ta≤xx°C

*See drawing for specific product to confirm temperature class, as some products are only suitable up to T4 depending upon epoxy used.

This declaration of conformity is issued under the sole responsibility of the manufacturer. We hereby declare that the product, which is subject of this declaration, is in conformity with the following standards.

Directive	Standards
ATEX Directive 2014/34/EU: <i>Equipment and protective systems intended for use in potentially explosive atmospheres</i>	BS EN IEC 60079-0:2018*; EN 60079-1:2014*
EU-Type Examination Certificate	LCIE 11 ATEX 3029 X; IECEX LCI11.0012 X

*MSI has performed internal assessment for EN 60079-0 (2006) to EN 60079-0:2012+A11-2013 revision; EN 60079-0:2012+A11-2013 to BS EN IEC 60079-0:2018 revision; and EN 60079-1 (2007) to EN 60079-1:2014; there is no impact upon product.

Marcy Bergman Pritchard
 President
 Motion Sensors, Inc.

SIGNED: 10/17/19

EU-Type Examination Certificate & IECEx Certificate issued by:
 Laboratoire Central Des Industries Electriques
 Avenue du General-Leclerc 33
 F-92266 Fontenay-aux-Roses
 (Notified Body Number: 0081)



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Special Conditions for Safe Use

The mating to flameproof enclosure threaded types must be performed by a certified connector for the considered to use.

Product filled in with epoxy resin:

Emerson & Cuming, Epoxies Inc. or Equal Stycast 2651-40 or Stycast 2850 FT		
Catalyst	Ambient Temperature	Temperature Class
17M-1	$-20 \leq Ta \leq +70^{\circ}\text{C}$	T6
	$-20 \leq Ta \leq +85^{\circ}\text{C}$	T5
	$-20 \leq Ta \leq +120^{\circ}\text{C}$	T4
	$-20 \leq Ta \leq +185^{\circ}\text{C}$	T3
	$-20 \leq Ta \leq +200^{\circ}\text{C}$	T2
9	$-40 \leq Ta \leq +70^{\circ}\text{C}$	T6
	$-40 \leq Ta \leq +85^{\circ}\text{C}$	T5
	$-40 \leq Ta \leq +100^{\circ}\text{C}$	T4
11	$-55 \leq Ta \leq +70^{\circ}\text{C}$	T6
	$-55 \leq Ta \leq +85^{\circ}\text{C}$	T5
	$-55 \leq Ta \leq +120^{\circ}\text{C}$	T4
	$-55 \leq Ta \leq +125^{\circ}\text{C}$	T3
24LV	$-65 \leq Ta \leq +70^{\circ}\text{C}$	T6
	$-65 \leq Ta \leq +75^{\circ}\text{C}$	T5

WARNING: Do not separate when energized.