



FM Approvals
1151 Boston-Providence Turnpike
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

Viper Ex a. Weighing Scale

IS / I / 1 / ABCD / T4 - 21204099; Entity
a = SW, SW MB, M or M MB

Entity Parameters:

Terminal	Vmax (V)	I _{max} (mA)	P _{max} (W)	C _i (nF)	L _i (mH)
Pin 1 (U1)	8.7	133	1.15	111	0
Pin 3 (U2)	12.6	42	0.53	111	0
Pin 5 (U BL)	10.5	74	0.78	1	0
Pin 6 (TxD)	15	24	0.36	1	0
Pin 9 (RxD)	15	24	0.36	1	0

Equipment Ratings:

Intrinsically safe for Class I, Division 1, Groups A, B, C and D hazardous (classified) locations;
Temperature Class T4.

Approved for:

METTLER-TOLEDO (ALBSTADT) GmbH
UNTER dem MALESFELSEN 34
D-72458 ALBSTADT
GERMANY



This certifies that the equipment described has been found to comply with the following FM Approval Standards and other documents:

Class 3600	1998
Class 3610	1999
Class 3810	1989

Original Project ID: 3014590

FM Approval Granted: August 29, 2002

Subsequent Revision Reports / Date FM Approval Amended

FM Global Technologies LLC

A handwritten signature in black ink, appearing to read "N. Ludlam", written over a horizontal line.

Nicholas P. Ludlam
Technical Team Manager

August 30, 2002
Date