FM Approvals®

Member of the FM Global Group

Product Alert – Schneider Electric USA, Inc   February 8, 2023
Model 84C, Remote Vortex Flow Meter

Type of Notification: Performance/Safety Related Concern

FM Approvals has been made aware by Schneider Electric Systems USA, Inc of a potential safety related hazard associated with Model 84C, Remote Vortex Flow Meters.

Name:	Schneider Electric Systems USA, Inc
Address:	70 Mechanic Street, Foxboro, MA
Contact Information:	Refer to the attached Product Safety Notice

Product Identity:	Model 84C
Description:	Vortex Flow Meter
Make/Model:	Model 84C

FM Approval Status:	FM Approved for Hazardous Locations

Hazard Involved: The Vortex remote-mounted transmitter feed-through cable assembly for Model 84C does not meet the design requirement for Explosion proof/flameproof installations due to changes that occurred in the manufacturing process from April 2022 to October 2022. The affected serial numbers are listed below:

Serial No.			
21380035	22110036	22160029	22370002
21520066	22110037	22240005	22370003
22050047	22110038	22330050	22370004
22050064	22110071	22270024	22370005
22110027	22110116	22270025	22370006
22110028	22170020	22280009	22370007
22110030	22170122	22380095	22370008
22110033	22170124	22400024	22370009
22110034	22170135	22360035	22370010
22110035	22110017	22370001	22370011

F 900/Rev. 0

If you suspect you are in possession of a Model 84C Remote Vortex Flowmeter bearing the FM Approvals certification marking, please follow the process referenced in the attached Product Safety Notice.

Antonio L. Pires
FM Approvals, Quality Department
Norwood, MA, USA
+1 (1)781 255 4825
Email: Antonio.pires@fmapprovals.com

Schneider Electric

DATE: 12/13/2022

TO:
Customer name

<div style="border:1px solid">

⚠ PRODUCT SAFETY NOTICE
NOTICE OF POTENTIAL UNSAFE CONDITION

</div>

Deliver to a Responsible Person in Your Organization.

This Notice is intended to cover and apply to all of the products defined below that may be in use at any facility by or under the control of your organization.
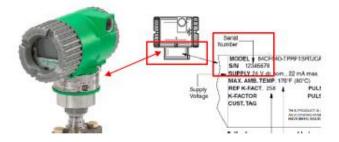
SUBJECT: PRB-240021 - Vortex Flowmeter 84C Remote Transmitter feed-through cable assembly

Dear valued customer,

As part of our ongoing quality monitoring process, it has recently been discovered that the **Vortex remote-mounted transmitter Feed through Cable assembly for Model 84C does not meet the design requirement for Explosion proof/flameproof installations** due to changes that occurred in the manufacturing process from Apr 2022 to Oct 2022.

This Product Safety Notice applies to **Schneider Electric M84 C flanged and wafer Vortex meters with remote-mounted electronics** having explosion-proof/flameproof electrical certifications manufactured from **Apr 2022 to Oct 2022**, impacted serial numbers are enclosed. You can locate the product serial number on the data plate of the transmitter as shown below

F 900/Rev. 0

Schneider Electric

Schneider Electric has reviewed the issue and determined that action is required. This review has taken into account standard industry practices such as failsafe system configurations. Because the feed through cable assembly does not meet the drawing requirement it might not be able to withstand explosion pressure from the transmitter.

Should this occur, it could result in the potential for **PERSONAL INJURY AND/OR PROPERTY DAMAGE.**

Customers shall stop using the affected Vortex flowmeters if they are installed in a location that requires flameproof/explosion-proof.

ACTIONS OR RESOLUTION:
Impacted customers should contact Schneider Electric and request replacement cable assemblies or return the flowmeter to the Schneider Electic factory for repair. The flowmeters must be retro-fixed with the new replacement feed through cable assemblies and the original cable assemblies returned to the Schneider Electric factory. Shipping instructions will be included with the replacement cable assemblies.

CONTACT INFORMATION :
If you have any questions regarding this Product Safety Notice, please contact your local Sales or Service Representative or a Schneider Electric Support Center at:

GCS Center	America's GCS	Asia Pacific GCS	EMEA GCS
Location	Foxboro MA USA	Shanghai	Baarn NL
Phone	+1-866-746-6477	+86 21 37180086	+31-3554-84125
Internationally	+1-508-549-2424		
Fax	+1-508-549-4999	+86 21 37180196	+31-3554-84230
Email	fielddevices-support@schneider-electric.com		

We apologize for any inconvenience this may cause you and your customers. Thank you for your understanding and assistance.

Yours faithfully,

Sachin Bakshi
Product Quality Manager-Process Instrumentation
Process Automation CS&Q
Industrial Automation Business
Schneider Electric Systems USA

Enclosure –Impacted Sales Order Number & Product Serial Numbers