

EMERSON DLC3020f Digital Level Controller Instruction Manual

Home » Emerson » EMERSON DLC3020f Digital Level Controller Instruction Manual





Hazardous Area Classifications and Special Instructions for "Safe Use" and Installations in Hazardous Locations

Certain nameplates may carry more than one approval, and each approval may have unique installation/wiring requirements and/or conditions of "safe use". These special instructions for "safe use" are in addition to, and may override, the standard installation procedures. Special instructions are listed by approval.

Note: This information supplements the nameplate markings affixed to the product and the DLC3020f quick start guide (D103470X012) and instruction manual (D103434X012), available from your Emerson sales office or Fisher.com. Always refer to the nameplate itself to identify the appropriate certification.



Failure to follow these conditions of "safe use" could result in personal injury or property damage from fire or explosion, or area re-classification. Special Conditions for Safe Use Intrinsically Safe This apparatus can only be connected to intrinsically safe certified equipment and this combination must be compatible with the intrinsic safety rules (see electrical parameters in table 1). Flameproof, Type n No special conditions for safe use. Refer to table 1 for additional approval information.

Approval Information

Certificati on	Certification Obtained	Entity Rating		Temperature Code
ATEX	CD III G D Intrinsically Safe Ex is IIC T5/1-6 Ga Dust Ex ia IIICT87°C (Tamb s 80°C), T80°C (la mb s 73°C) Da IP66	Fieldbus	FISCO	T5 (Tamb s 80° C) T6 (lamb s 73° C)
		Uis 24V li s 380 mA Pi s 1.4 W Ci s 5 nF Li = 0 mH		
	©112GD Flameproof Ex d IIC T5/16 Gb Dust Ex tb 111C187°C (lamb s 80°C), T80°C (lamb s 73°C) Db 1P66			T5 (Tamb s 80° C) T6 (lamb s 73° C)
	,0113GD Type n Ex nA IIC T5/16 Gc Dust Ex tc 111C -187°C (lamb s 80°C), T80°C (lamb 5 73°C) Dc IP66			T5 (lamb s 80° C) T6 (lamb s 73° C)

Neither Emerson, Emerson Automation Solutions, nor any of their affiliated entities assume responsibility for the selection, use, or maintenance of any product. Responsibility for proper selection, use, and maintenance of any product remains solely with the purchaser and end user. Fisher and FIELDVUE are marks owned by one of the companies in the Emerson Automation Solutions business unit of Emerson Electric Co. Emerson Automation Solutions, Emerson, and the Emerson logo are trademarks and service marks of Emerson Electric Co. All other marks are the property of their respective owners. The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available upon request. We reserve the right to modify or improve the designs or specifications of such products at any time without notice.



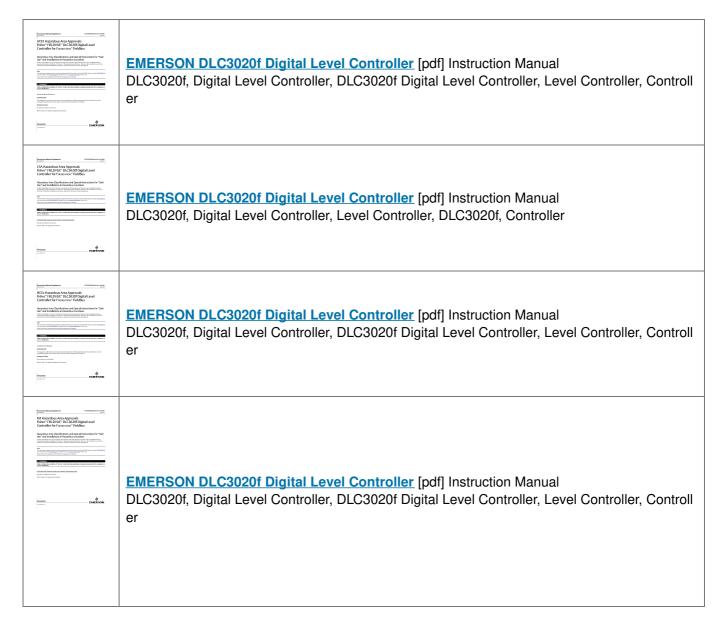
Emerson Automation Solutions
Marshalltown, Iowa 50158 USA
Sorocaba, 18087 Brazil
Cernay, 68700 France
Dubai, United Arab Emirates
Singapore 128461 Singapore

www.Fisher.com

Contents

- 1 Documents / Resources
 - 1.1 References
- **2 Related Posts**

Documents / Resources



References

- Fisher.com
- Fisher.com
- ♦ Contact Us | Emerson US

Manuals+,