



## ■ Signatures / Unterschriften

Mannheim, 2023-11-02

i.V. Roolf Wessels  
Executive Vice President  
Business Unit MCC+HMI  
Division MCC+HMI

i.V. Dr. Marc Seissler  
Head of Product Management HMI  
Business Unit HMI  
Division MCC+HMI

## ■ ANNEX ATEX

## Marking and Certificates / Kennzeichnung und Zertifikate

Products / Produkte	RM-320S-LX-XXXX-X-XXXXXXXX-NN0 PC-320S-LX-XXXX-X-XXXXXXXX-NN0 DM-320S-LX-XXXX-X-XXXXXXXX-NN0	
Marking Kennzeichnung	Certificate Zertifikat	Issuer Aussteller
II 3 GD	UL 22 ATEX 2481X	UL

## Key for Issuer / Schlüssel zur Aussteller

	Issuer / Aussteller
UL	UL International Demko A/S Borupvang 5A 2750 Ballerup Denmark

Pepperl+Fuchs SE  
Lilienthalstrasse 200  
68307 Mannheim  
Germany  
Phone +49 621 776-0  
Fax +49 621 776-1000

No. / Nr.: DOC-5836C  
Date / Datum: 2023-11-02

Copyright Pepperl+Fuchs  
www.pepperl-fuchs.com



## ■ Declaration of conformity / Konformitätserklärung

We, Pepperl+Fuchs SE declare under our sole responsibility that the **products** listed below are in conformity with the listed **European Directives** and **standards**.

Die Pepperl+Fuchs SE erklärt hiermit in alleiniger Verantwortung, dass die unten gelisteten **Produkte** den genannten **Europäischen Richtlinien** und **Normen** entsprechen.

## ■ Product Family / Produktfamilie

Product Family / Produktfamilie	Item number / Artikelnr.	Description / Beschreibung
RM-320S-LX-XXXX-X-XXXXXXXX-NN0	70124565-*	Thin Client-based Operator Workstation
PC-320S-LX-XXXX-X-XXXXXXXX-NN0		PC-based Operator Workstation
DM-320S-LX-XXXX-X-XXXXXXXX-NN0		Direct-Monitor-based Operator Workstation

The „X“ marked letters of the type code are placeholders and can be replaced by the code described in ANNEX TYPE CODE.

Die mit „X“ markierten Stellen im Typenschlüssel sind Platzhalter und können durch den Schlüssel ersetzt werden der in ANNEX TYPE CODE beschrieben ist.

## ■ Directives and Standards / Richtlinien und Normen

EU-Directive EU-Richtlinie	Standards Normen
<b>2014/30/EU (EMC)</b> (L96/79-106)	EN 61000-6-4:2007+A1:2011 EN 61326-1:2013
<b>2011/65/EU (RoHS)</b> (L174/88-110)	EN IEC 63000:2018-12
<b>2014/34/EU (ATEX)</b> (L96/309-356)	EN IEC 60079-0:2018 EN IEC 60079-7:2015/A1:2018 EN 60079-11:2012 EN 60079-31:2014

Supplemental Standards Sonstige Normen	Remarks Bemerkungen
UL 61010-1, 3rd Edition UL 61010-2-201, 2nd Edition	Standards according to Low Voltage Directive

## ■ ANNEX TYPE CODE

The „X“ marked letters of the type code are placeholders and can be replaced by the following code:

Die mit „X“ markierten Stellen im Typenschlüssel sind Platzhalter und können durch folgenden Schlüssel ersetzt werden:

XX-320S-LX-XXXX-X-XXXXXXXX-NN0			
Variable	Feature	Option	Description
XX-320S-	Technology	RM-320S-	Remote Monitor System
		PC-320S-	PC System
		DM-320S-	Direct Monitor System
X	Certification	L	ATEX Zone 2/22
X-	Operating Temperature	A-	0 ... 40 °C (only Mounting Option "H1" & "P1")
		B-	-20°C ... 50 °C (only Mounting Option "A1")
XXXX-	Display	22GT-	21.5" (16:9), FullHD (1920x1080 pixel), capacitive touch
		22FC-	21.5" (16:9), FullHD (1920x1080 pixel), capacitive touch w/ optical bonding
X-	Power Supply	D-	24 V DC (+/- 20%)
		A-	115/230 V AC
XX	Computing Platform	1N	Intel Celeron 3965U
		2N	Intel Core i5-7300U
		VN	Direct Monitor unit
X	RAM	N	none (only Model "Direct Monitor")
		A	4 GB
		B	8 GB
		C	16 GB
		K	4GB (only Operating Temperature "B")
		L	8GB (only Operating Temperature "B")
X	Storage	M	16GB (only Operating Temperature "B")
		N	none (only Model "Direct Monitor")
		A	32 GB
		B	64 GB
		D	256 GB
		E	512 GB
		K	32GB (only Operating Temperature "B")
		L	64GB (only Operating Temperature "B")
X	Software	P	256GB (only Operating Temperature "B")
		Q	512GB (only Operating Temperature "B")
		N	none (only Model "Direct Monitor")
		1	Windows 10 IoT Enterprise 2019 LTSC
		2	P+F RM Shell 5
		3	Windows 10 IoT Enterprise 2021 LTSC
		4	P+F RM Shell 6
XX-	Mounting	X	Other software options, X replaced by other alphanumerical character
		H1-	Mounted in Stainless Steel Housing AG-3200 (Standard)
		P1-	Mounted in Stainless Steel Housing AG-3200 (Pharma)
		A1-	Mounted in Aluminum Housing AG-3200 (Wide Temperature)
NN0	Options	NN0	Standard