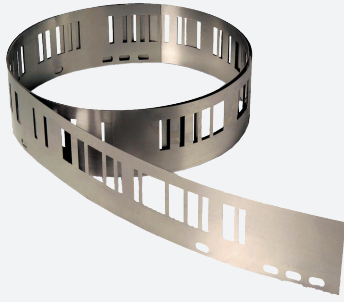




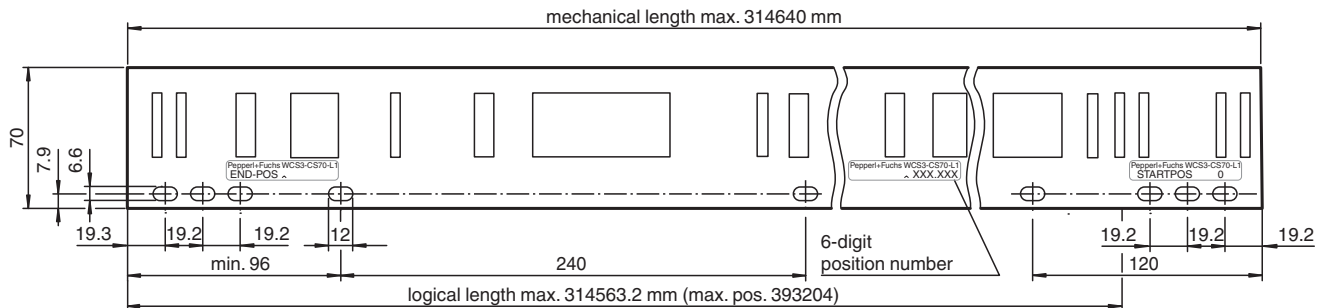
WCS3 code rail

WCS3-CS70-M1-S000000-L070000

- Flexible installation by means of alu profile- or mounting bracket system
- High mechanical stability
- Suitable for applications with wide temperature variations

Code rail, stainless steel

Dimensions



Technical Data

General specifications

Code rail height	70 mm
Total length	70000 mm
Start position	0 mm
Radius of bend	≥ 300 mm

Ambient conditions

Operating temperature	-40 ... 100 °C (-40 ... 212 °F)
Storage temperature	-40 ... 100 °C (-40 ... 212 °F)
Installation temperature	10 ... 60 °C (50 ... 140 °F)

Mechanical specifications

Material thickness	0.5 mm
Tension loading	≤ 5000 N
Material	stainless steel 1.4310 / AISI 301
Thermal expansion coefficient	1.6 x 10 ⁻⁵ / K
Mass	240 g / m
Manufacturing tolerance	± 1 mm/m

Release date: 2024-08-28 Date of issue: 2024-08-28 Filename: 70135878-100042_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
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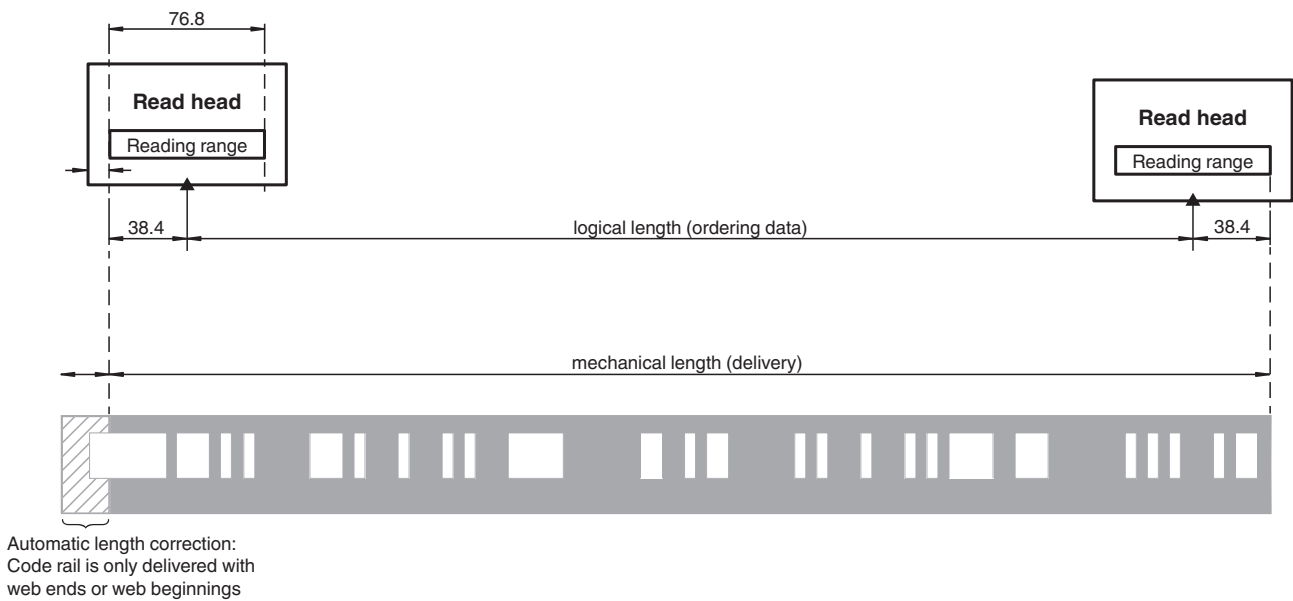
USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Mounting



Type Code

Structure of the type code

W	C	S	3	-	C	S	70	-	M	1	-	S	(1)	(1)	(1)	(1)	(1)	(1)	-	L	(2)	(2)	(2)	(2)	(2)
WCS3					Read head type																				
WCS					Position encoding system																				
CS					Code rail																				
C					Code																				
S					Rail																				
70					Code rail height																				
70					Code rail height																				
M					Code rail material																				
M					Stainless steel																				
1					Mounting hole type																				
1					With mounting holes																				
S (1) (1) (1) (1) (1) (1)					Starting position																				
0 ... 314463					Starting position of the code rail in mm																				
L (2) (2) (2) (2) (2) (2)					Code rail length																				
100 ... 314563					Length of the code rail in mm																				