

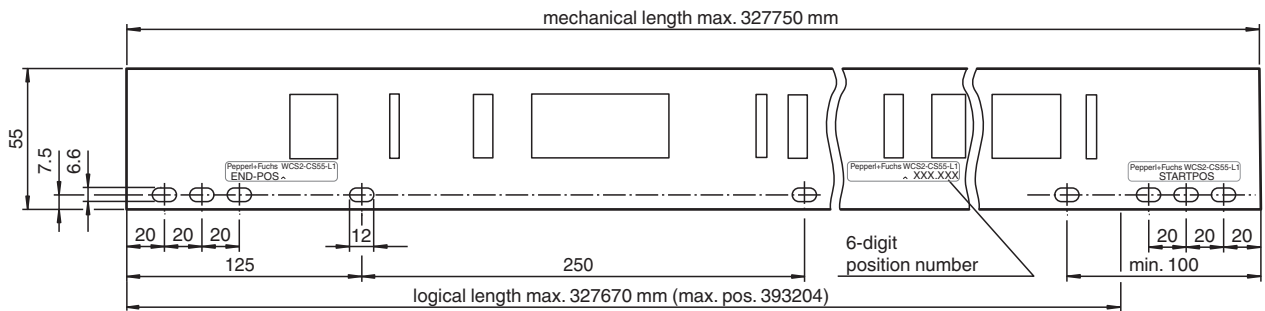
WCS2 Code rail

WCS2-CS55-M1-S000000-L001000

- 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	55 mm
Total length	1000 mm
Start position	0 mm
Radius of bend	≥ 500 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	≤ 4500 N
Material	stainless steel 1.4310 / AISI 301
Thermal expansion coefficient	1.6 x 10 ⁻⁵ / K
Mass	175 g / m
Manufacturing tolerance	± 1 mm/m

Release date: 2023-03-09 Date of issue: 2023-03-09 Filename: 70135876-100001_...eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

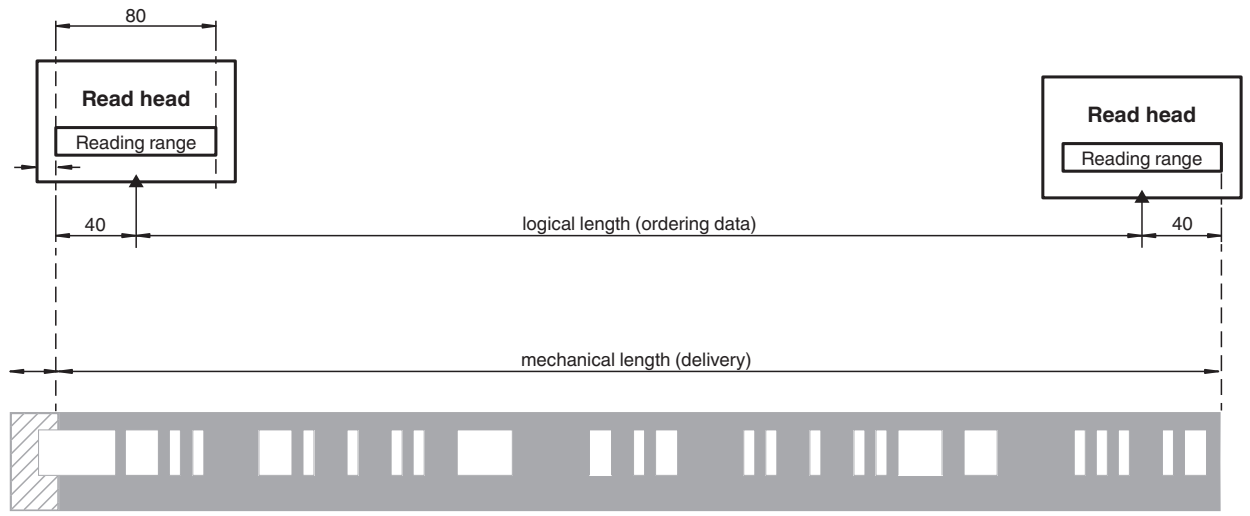
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Mounting



Automatic length correction:
Code rail is only delivered with
web ends or web beginnings

Type Code

Structure of the type code

W	C	S	2	-	C	S	(1)	-	M	1	-	S	(2)	(2)	(2)	(2)	(2)	(2)	-	L	(3)	(3)	(3)	(3)	(3)	(3)
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WCS2	Read head type
WCS	Position encoding system

CS	Code rail
C	Code
S	Rail

(1)	Code rail height
55	Code rail height
70	Code rail height



M	Code rail material
M	Stainless steel

1	Mounting hole type
1	With mounting holes

S (2) (2) (2) (2) (2) (2)	Starting position
0 ... 327570	Starting position of the code rail in mm









L (3) (3) (3) (3) (3) (3)	Code rail length
100 ... 327670	Length of the code rail in mm

Accessories

	WCS-MT1	Tensioning device for stainless steel code rail
	WCS-MF1	Wrist strap

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Accessories

	WCS2-FT1	Mounting tool to safely and quickly install the 55 mm code strip in the aluminum profile
	WCS2-GT09-M1	WCS2 guiding trolley
	WCS2-LB1-C	WCS2 locking bracket
	WCS2-MC2	Butt connector, stainless steel
	WCS2-MH1	Rail bracket with screwed connection
	WCS2-MH2	Rail bracket with screwed connection for C profile rails
	WCS2-PS1-2,5M	WCS2 profile rail
	WCS2-PS1-C-2,5M	WCS2 profile rail, coated