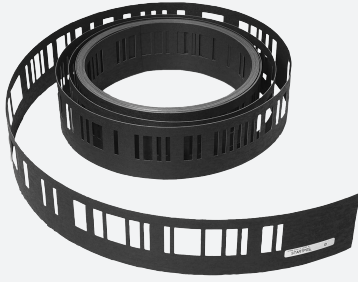


WCS2 Code rail

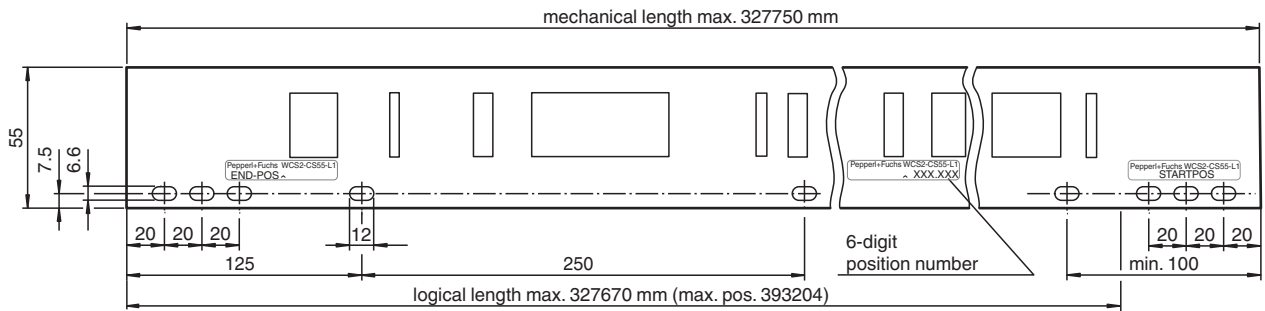
WCS2-CS55-L1-S000000-L020000



- Flexible installation by means of alu profile- or mounting bracket system
- High chemical resistance
- Low weight

Code rail, polyester laminate

Dimensions



Technical Data

General specifications

Code rail height	55 mm
Total length	20000 mm
Start position	0 mm
Radius of bend	≥ 500 mm

Ambient conditions

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

Mechanical specifications

Material thickness	0.75 ... 0.95 mm
Tension loading	≤ 230 N
Material	polyester laminate
Thermal expansion coefficient	approx. 2.8×10^{-5} / K
Mass	30 g / m
Manufacturing tolerance	± 1 mm/m

Release date: 2023-03-09 Date of issue: 2023-03-09 Filename: 70135037-100004_..._eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

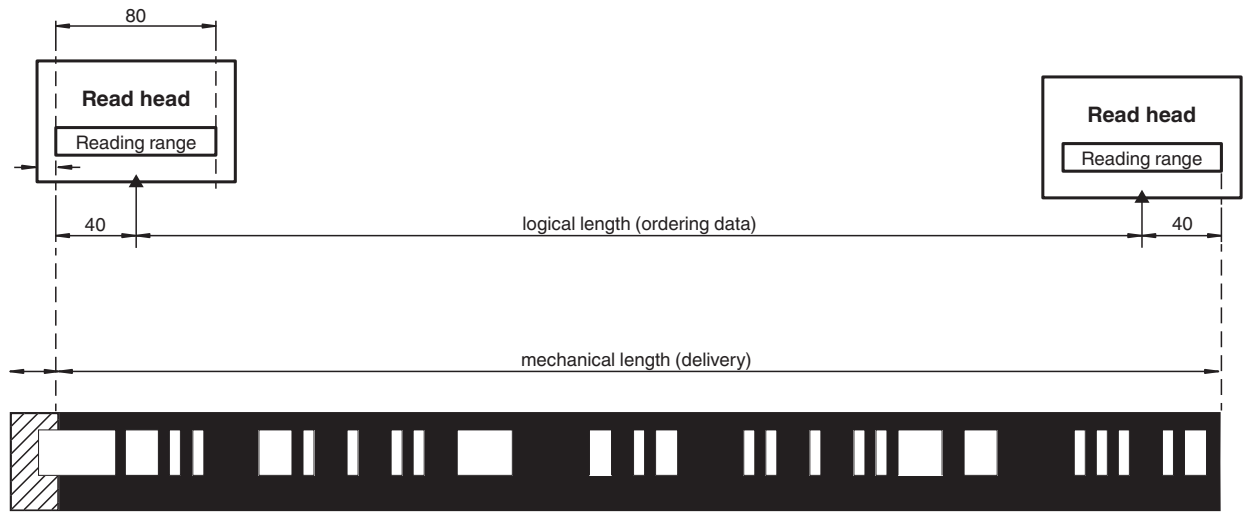
USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

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

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

PF PEPPERL+FUCHS

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)	-	L	1	-	S	(2)	(2)	(2)	(2)	(2)	(2)	-	L	(3)	(3)	(3)	(3)	(3)	(3)
---	---	---	---	---	---	---	-----	---	---	---	---	---	-----	-----	-----	-----	-----	-----	---	---	-----	-----	-----	-----	-----	-----

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



L	Code rail material
L	Polyester-Laminat

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

	WCS2-FT1	Mounting tool to safely and quickly install the 55 mm code strip in the aluminum profile
	WCS2-GT09-P1	WCS2 guiding trolley

Release date: 2023-03-09 Date of issue: 2023-03-09 Filename: 70135037-100004_eng.pdf

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

Accessories

	WCS2-LB1	WCS2 locking bracket
	WCS2-MC1	Butt connector, aluminum
	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