

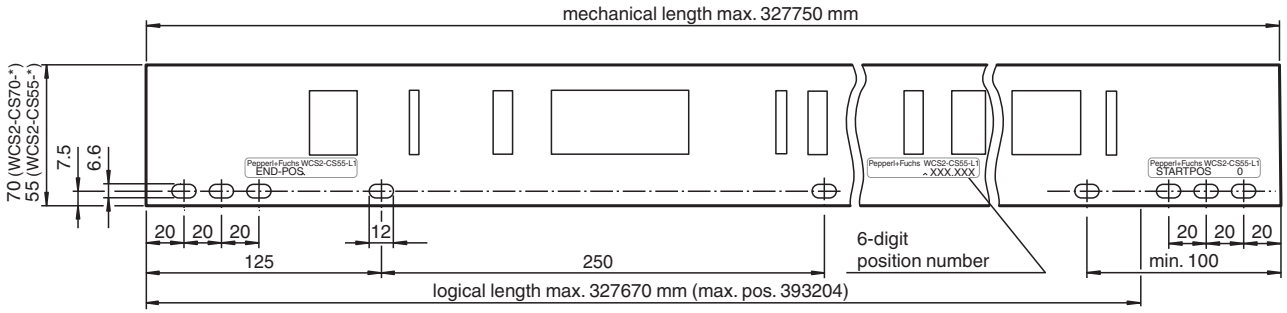
WCS2 Code rail

WCS2-CS*-L1-S******-L******

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

Code rail, polyester laminate

Dimensions

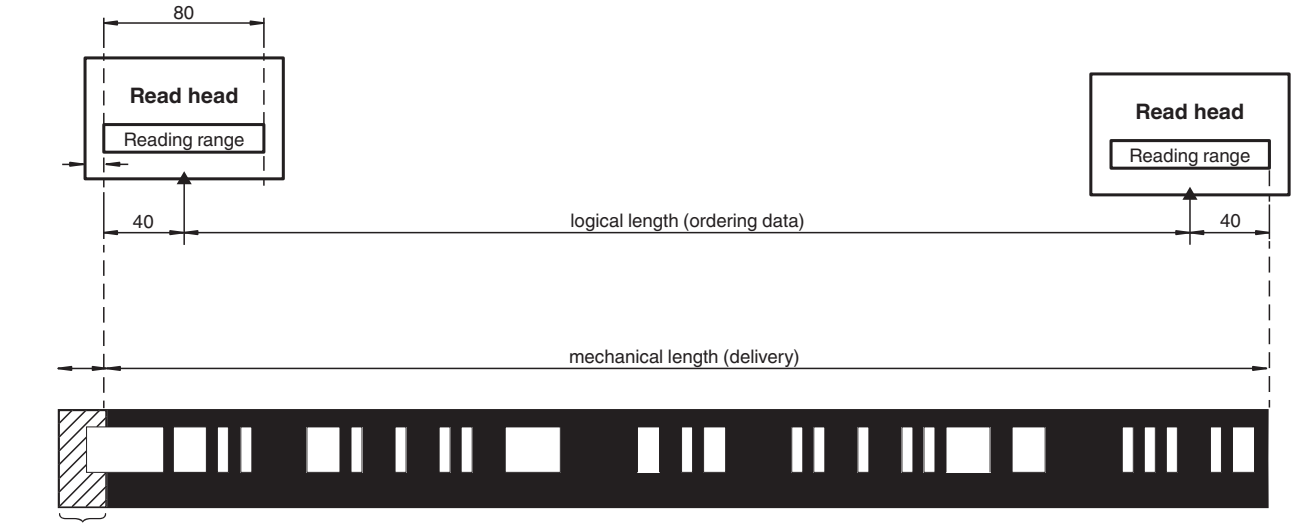


Technical Data

General specifications		
Code rail height		55 mm 70 mm
Total length		100 ... 327670 mm
Start position		0 ... 327570 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 x 10^{-5} / K
Mass		30 g / m
Manufacturing tolerance		± 1 mm/m

Release date: 2023-03-01 Date of issue: 2023-03-01 Filename: 70135037_eng.pdf

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

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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

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