

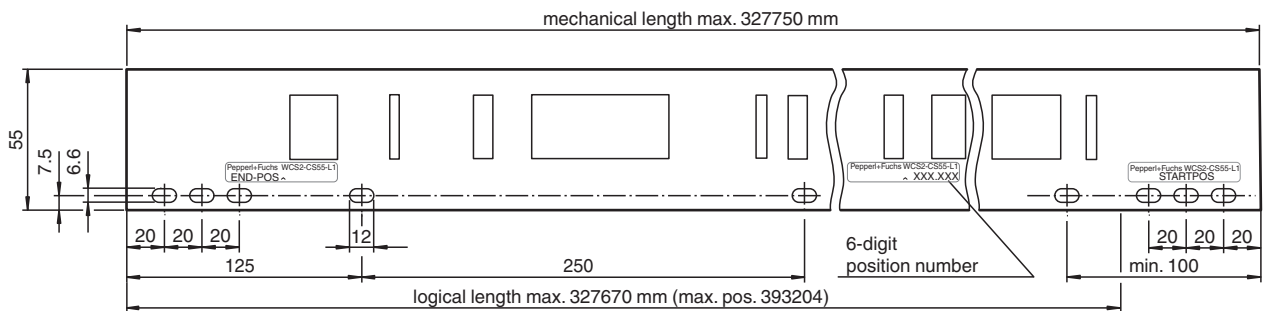
## WCS2 Code rail

WCS2-CS55-L1-S000000-L001000

- 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	1000 mm
Start position	0 mm
Radius of bend	≥ 500 mm

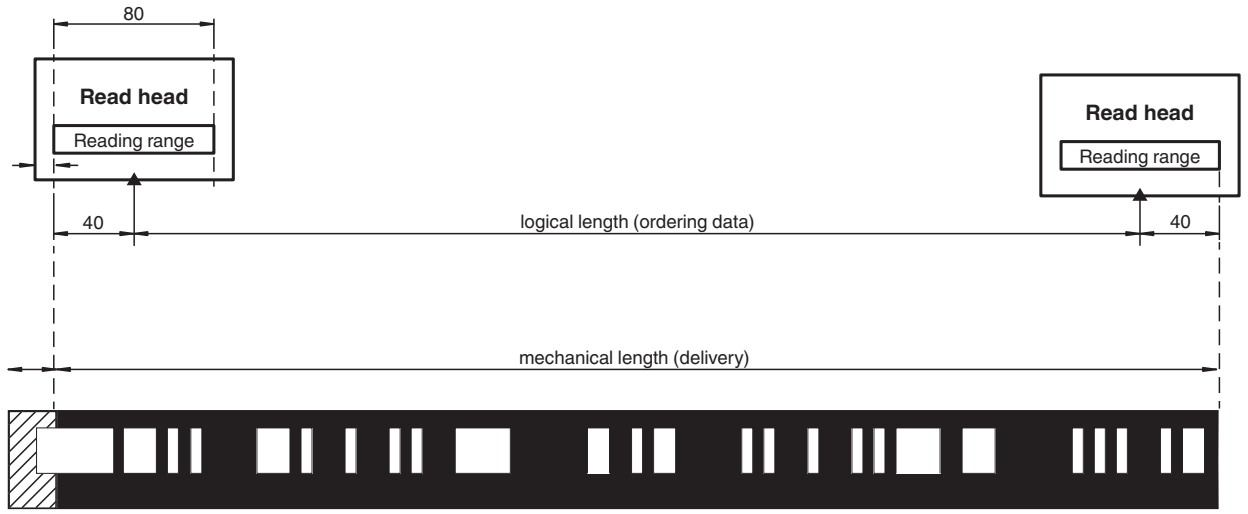
#### Ambient conditions

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. $2.8 \times 10^{-5}$ / K
Mass	30 g / m
Manufacturing tolerance	± 1 mm/m

## 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)
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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



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

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

Release date: 2023-03-09 Date of issue: 2023-03-09 Filename: 70135037-100002\_eng.pdf

**Accessories**

	<b>WCS2-LB1</b>	WCS2 locking bracket
	<b>WCS2-MC1</b>	Butt connector, aluminum
	<b>WCS2-MH1</b>	Rail bracket with screwed connection
	<b>WCS2-MH2</b>	Rail bracket with screwed connection for C profile rails
	<b>WCS2-PS1-2,5M</b>	WCS2 profile rail