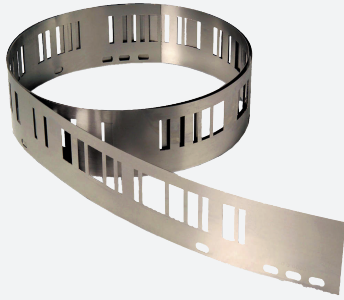




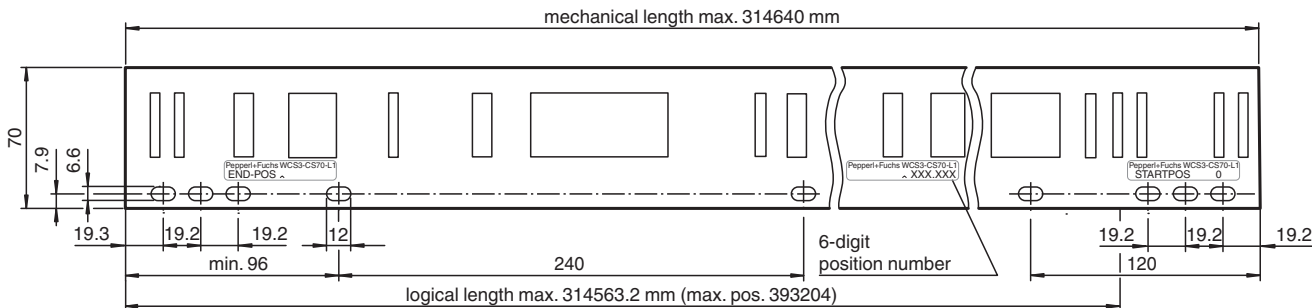
WCS3 code rail

WCS3-CS70-M1-S000000-L003000

- 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

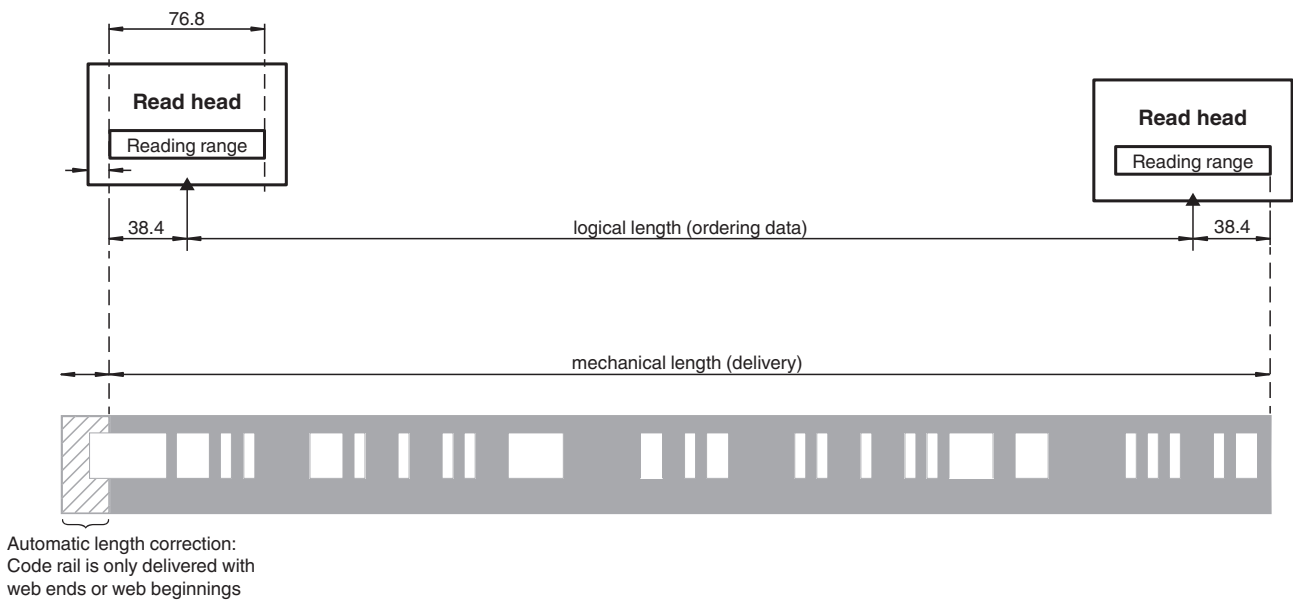


Technical Data

General specifications	
Code rail height	70 mm
Total length	3000 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

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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)	(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																								