

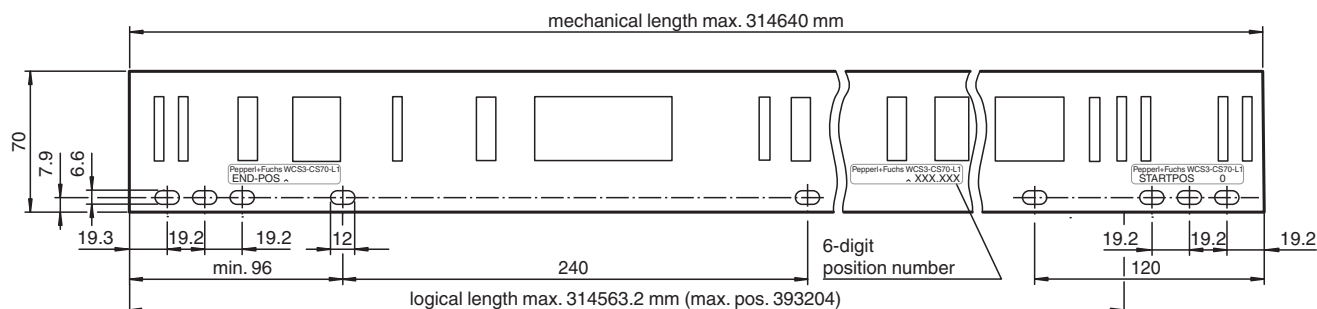
WCS3 code rail

WCS3-CS70-L1-S000000-L012000

- 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	70 mm
Total length	12000 mm
Start position	0 mm
Radius of bend	≥ 300 mm

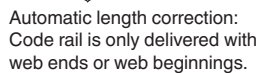
Ambient conditions

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	≤ 260 N
Material	polyester laminate
Thermal expansion coefficient	approx. 2.8×10^{-5} / K
Mass	40 g / m
Manufacturing tolerance	± 1 mm/m

Mounting



Type Code

Structure of the type code

W	C	S	3	-	C	S	70	-	L	(1)	-	S	(2)	(2)	(2)	(2)	(2)	-	L	(3)	(3)	(3)	(3)	(3)
WCS3				Read head type																				
WCS				Position encoding system																				
CS				Code rail																				
C				Code																				
S				Rail																				
70				Code rail height																				
70				Code rail height																				
L				Code rail material																				
L				Polyester-Laminat																				
(1)				Mounting hole type																				
0				Without mounting holes																				
1				With mounting holes																				
2				With Vahle mounting holes																				
S (2) (2) (2) (2) (2)				Starting position																				
0 ... 314463				Starting position of the code rail in mm																				
L (3) (3) (3) (3) (3) (3)				Code rail length																				
100 ... 314563				Length of the code rail in mm																				