

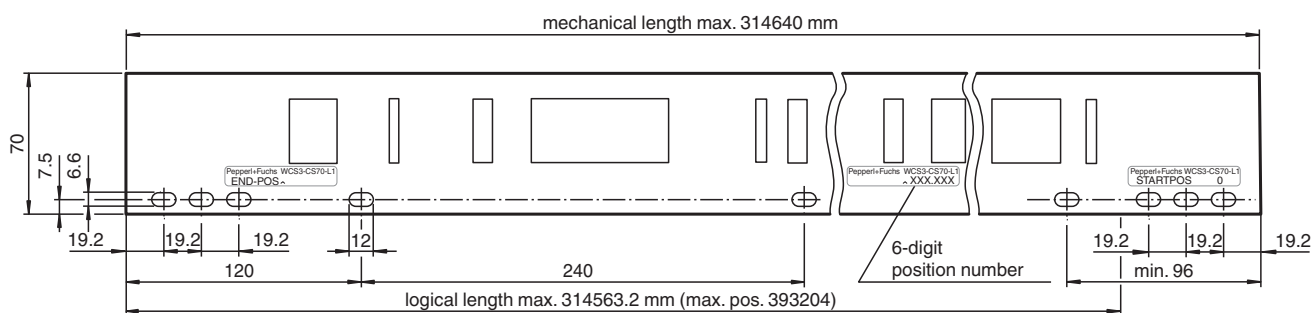
WCS3 code rail

WCS3-CS70-L1-S000000-L004572

- 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	4572 mm
Start position	0 mm
Radius of bend	≥ 300 mm

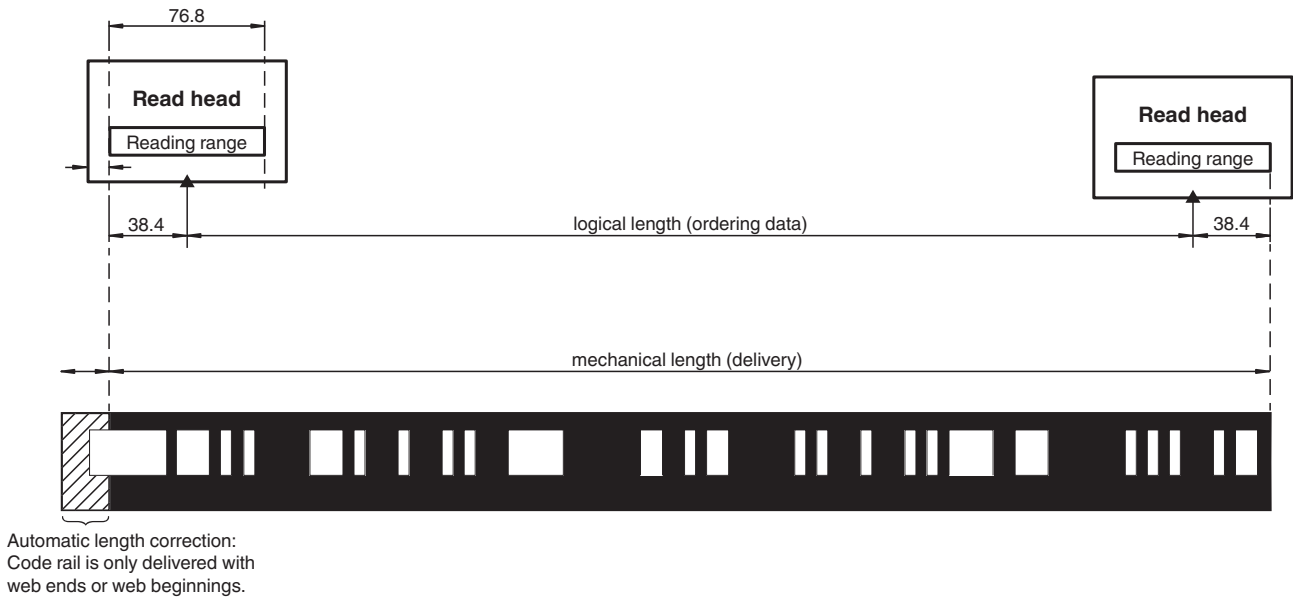
Ambient conditions

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)	(2)	-	L	(3)	(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																								

Accessories

	WCS-MB2	Mounting bracket for C profile, straight section
	WCS-MB-B	Mounting bracket, curve

Accessories

	WCS-MB1-B	Fastening angle for screw connection, curve
	WCS-MB2-B	Mounting bracket for C profile, bend
	WCS-SP2	Stabilization profile
	WCS-MB1	Mounting bracket for bolt connection, straight
	WCS3-CS70-E	WCS3 code rail extender
	WCS-MF1	Wrist strap
	WCS3-FT1	Fitting tool for WCS3 aluminum profile system
	WCS3-MC1	Joint
	WCS3-MH1	WCS3 screw-on holder
	WCS3-MH2	WCS3 holder for C profile
	WCS3-PS1-2M	WCS3 profile rail
	WCS2-PS1-2,5M	WCS2 profile rail
	WCS3-GT09-P1-O	WCS3 guiding trolley for the WCS3B read head with protective enclosure, outdoor use
	WCS2-MH1	Rail bracket with screwed connection
	WCS2-MC1	Butt connector, aluminum
	WCS2-LB1	WCS2 locking bracket
	WCS2-FT1	Mounting tool to safely and quickly install the 55 mm code strip in the aluminum profile