



Model Number

PCV*-CA10-* / PCV*-CA20-*

Data Matrix code tape

Features

- High chemical resistance
- Low weight
- Self-adhesive mounting
- High temperature resistance
- High mechanical stability

Dimensions



Technical data

General specifications

Start position	0 ... 9999 m (see Order Information)
Length	1 ... 10000 m (see Order Information)
External diameter	max. 180 mm (with max. code tape length of 100 m)
Inside diameter	76 mm (role core)

Ambient conditions

Operating temperature	-40 ... 100 °C (-40 ... 212 °F)
Installation temperature	10 ... 40 °C (50 ... 104 °F)
Environmental resistance	UV radiation Humidity Salt spray (150 h / 5%)

Chemical resistance

Oils
Grease
Fuels
Aliphatic solvents
Weak acids

Mechanical specifications

Material thickness	150 µm
Material	polyester laminate
Surface	polyester, matte
Mass	6.3 g / m ²
Tensile strength	≥ 150 N
Manufacturing tolerance	± 1 mm/m
Adhesive	Acrylate-based adhesive ; curing 72 h
Adhesive strength	Average values (FTM2) Aluminum : 24 N / 25 mm High grade stainless steel : 25 N / 25 mm ABS : 22 N / 25 mm PP : 18 N / 25 mm HD-PE : 12 N / 25 mm LD-PE : 12 N / 25 mm

Note Max. code tape length of 100 m per roll

Ordering information



Start position
xxxxxx 0 ... 009999 m

Width of the absolute band

20 25 mm (2 row version)

10 15 mm (1 row version)

Absolute band

Code: Data Matrix ECC200; matrix size 12x12

Length of the absolute band

xxxxxx 1 ... 010000 m

Position Coded Vision

Matching system components**PCV80S-F200-SSI-V19**

Read head for incident light positioning system

PCV100I-F200-SSI-V19

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PCV80I-F200-SSI-V19

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PCV100-F200-B17-V1D-6011

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PCV100-F200-B17-V1D

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PCV100-F200-B25-V1D-6011

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PCV100-F200-B25-V1D-6011-6720

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PCV100-F200-B6-V15B

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PCV100-F200-B6-V15B-6011

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Matching system components**PCV100-F200-B17-V1D-6011-6997**

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PCV100-F200-B16-V15

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PCV80-F200-B6-V15B

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PCV80-F200-B25-V1D

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PCV80-F200-B17-V1D

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PCV80-F200-B16-V15

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PCV50-F200-B25-V1D

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PCV50-F200-B17-V1D

Read head for incident light positioning system

PCV100-F200-B16-V15-6011

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PCV100I-F200-B17-V1D

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PCV50-F200-SSI-V19

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PCV80-F200-SSI-V19

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PCV80-F200-SSI-V19-GRAY

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PCV100-F200-SSI-V19

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PCV100-F200-SSI-V19-6011

Read head for incident light positioning system

PCV100I-F200-R4-V19

Read head for incident light positioning system

PCV80I-F200-R4-V19

Read head for incident light positioning system

PCV100-F200-R4-V19

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PCV100-F200-R4-V19-6011

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 **PEPPERL+FUCHS**

Matching system components**PCV50-F200-R4-V15-LS221**

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PCV100-F200-R4-V15-LS221

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PCV80-F200-R4-V15-LS221

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PCV80G-F200-R4-V19

Read head for incident light positioning system

PCV50-F200-R3-6360

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PCV80-F200-R4-V19

Read head for incident light positioning system