

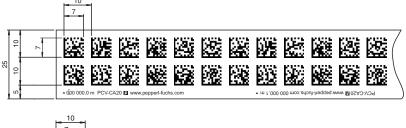
Code tape

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

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

Data Matrix code tape

Dimensions





Technical Data

General specifications	
Start position	0 9999 m (see Order Information)
Length	1 10000 m (see Order Information)
Width	15 mm (1 row version) 25 mm (2 row version)
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



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Technical Data

Mechanical specifications					
Material thickness	150 μm				
Material	polyester laminate				
Surface	polyester, matte				
Mass	6.3 g / m				
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				

Type Code

Structure of the type code (Ordering information)

Р	С	٧	(1)	(1)	(1)	(1)	(1)	(1)	M		С	Α	(2)	(2)	-	(3)	(3)	(3)	(3)	(3)	(3)
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PCV	Sensor Type
PCV	Data Matrix positioning system (PCV)

(1) (1) (1) (1) (1) (1)	Length of the code tape
1 010000	Total length of the code tape in m

M	Length unit
M	Meter

CA	Code type
С	Data Matrix ECC200, Symbol size 12x12
A	Absolute tape

	(2) (2)	Width of the code tape
	20	25 mm (2 row version)
ſ	10	15 mm (1 row version)

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	(3) (3) (3) (3) (3)	Start position
Ī	0 009999	Starting position of the code tape in m

Matching System Components

PCV100-F200-B17-V1D 6011-8203	Read head for incident light positioning system
PCV80S-F200-SSI-V19	Read head for incident light positioning system
PCV100I-F200-SSI-V19	Read head for incident light positioning system
PCV80I-F200-SSI-V19	Read head for incident light positioning system
PCV50-F200-B25-V1D	Read head for incident light positioning system
PCV80-F200-B25-V1D	Read head for incident light positioning system

Matching System Components

PCV100-F200-B17-V1D 6011-6997	Read head for incident light positioning system
PCV80-F200-B16-V15	Read head for incident light positioning system
PCV100-F200-B16-V15	Read head for incident light positioning system
PCV100-F200-B17-V1D	Read head for incident light positioning system
PCV80-F200-B6-V15B	Read head for incident light positioning system
PCV100-F200-B16-V15-6- 011	Read head for incident light positioning system
PCV100-F200-B6-V15B 6011	Read head for incident light positioning system
PCV50-F200-B17-V1D	Read head for incident light positioning system
PCV100-F200-B17-V1D 6011	Read head for incident light positioning system
PCV80-F200-B17-V1D	Read head for incident light positioning system
PCV100-F200-B6-V15B	Read head for incident light positioning system
PCV100-F200-B25-V1D 6011-6720	Read head for incident light positioning system
PCV100-F200-B25-V1D 6011	Read head for incident light positioning system
PCV80-F200-SSI-V19	Read head for incident light positioning system
PCV50-F200-SSI-V19	Read head for incident light positioning system
PCV80-F200-SSI- V19-GRAY	Read head for incident light positioning system
PCV100-F200-SSI- V19-6011	Read head for incident light positioning system
PCV100-F200-SSI-V19	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

Matching System Components PCV100-F200-R4-V19 Read head for incident light positioning system PCV100-F200-R4-V19-60- Read head for incident light positioning system PCV80-F200-R4-V15-LS- Read head for incident light positioning system PCV100-F200-R4-V15-L- Read head for incident light positioning system S221 PCV80-F200-R4-V19 Read head for incident light positioning system