

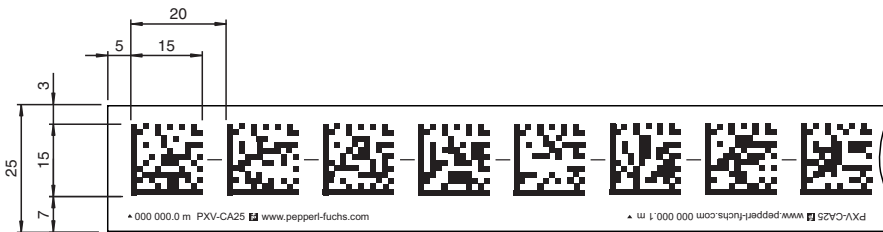


# Code tape PXV\*-CA25-\*

- 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 ... 99999 m (see Order Information)
Length	1 ... 100000 m (see Order Information)
Width	25 mm (1 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
Mechanical specifications	
Material thickness	150 µm
Material	polyester laminate
Surface	polyester , matte

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

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## Technical Data

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)

P	X	V	(1)	(1)	(1)	(1)	(1)	(1)	M	-	C	A	2	5	-	(2)	(2)	(2)	(2)	(2)	(2)
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PXV	Sensor Type
PXV	Data Matrix positioning system (PXV)

(1) (1) (1) (1) (1) (1)	Length of the code tape
1 ... 100000	Total length of the code tape in m









M	Length unit
M	Meter

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

25	Width of the code tape
25	25 mm

(2) (2) (2) (2) (2) (2)	Start position
0 ... 099999	Starting position of the code tape in m









## Matching System Components

	<b>PXV100-F200-B17A-V1D</b>	Read head for incident light positioning system
	<b>PXV100-F200-B17-V1D</b>	Read head for incident light positioning system
	<b>PXV100-F200-B25-V1D</b>	Read head for incident light positioning system
	<b>PXV100S-F200-SSI-Ex</b>	Optical reading head for hazardous area
	<b>PXV100-F200-R4-V19</b>	Read head for incident light positioning system
	<b>PXV100-F200-R4-V19-Ex</b>	Optical reading head for hazardous area
	<b>PXV100S-F200-SSI-V19</b>	Read head for incident light positioning system
	<b>PXV100I-F200-B25-V1D</b>	Read head for incident light positioning system


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## Matching System Components

	<b>PXV100SI-F200-R4-V19</b>	Read head for incident light positioning system
	<b>PXV100IV-F200-R4-V19</b>	Read head for incident light positioning system
	<b>PXV100SI-F200-SSI-V19</b>	Read head for incident light positioning system
	<b>PXV100S-F200-R4-V19</b>	Read head for incident light positioning system
	<b>PXV100S-F200-SSI-V19-LJU</b>	Read head for incident light positioning system
	<b>PXV100-F200-B17-V1D-3636</b>	Read head for incident light positioning system
	<b>PXV100Q-F200-B17-V1D</b>	Read head for incident light positioning system
	<b>PXV100I-F200-B17-V1D</b>	Read head for incident light positioning system

## Accessories

	<b>PGV25M-CD160-CLEAR</b>	Protective laminate for PGV code tape
	<b>PGV25M-CD100-CLEAR</b>	Protective laminate for PGV code tape