



## Code tape

### PGV\*-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 ... 9999 m (see Order Information)
Length	1 ... 10000 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

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

## Technical Data

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)

P	G	V	(1)	(1)	(1)	(1)	(1)	(1)	(1)	M	-	C	A	2	5	-	(3)	(3)	(3)	(3)	(3)	(3)
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<b>PGV</b>	<b>Sensor Type</b>
PGV	Position Guided Vision

<b>(1) (1) (1) (1) (1) (1)</b>	<b>Length of the code tape</b>
1 ... 010000	Total length of the code tape in m








<b>M</b>	<b>Length unit</b>
M	Meter

<b>CA</b>	<b>Code type</b>
C	Data Matrix ECC200, Symbol size 10x10
A	Absolute tape

<b>25</b>	<b>Width of the code tape</b>
25	25 mm

<b>(3) (3) (3) (3) (3) (3)</b>	<b>Start position</b>
0 ... 009999	Starting position of the code tape in m





















## Matching System Components

	<b>PGV100SI-F200A-R4-V19-7941</b>	Read head for incident light positioning system
	<b>PGV100I-F200A-R4-V19</b>	Read head for incident light positioning system
	<b>PGV100SI-F200A-R4-V19</b>	Read head for incident light positioning system
	<b>PGV100R-F200-B16-1,5M-7800</b>	Read head for incident light positioning system
	<b>PGV100R-F200-B16-V15-8482</b>	Read head for incident light positioning system
	<b>PGV100R-F200-B16-V15-7666</b>	Read head for incident light positioning system
	<b>PGV100-F200A-B25-V1D-8438</b>	Read head for incident light positioning system

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

## Matching System Components

	<b>PGV100-F200A-B16-V15-8438</b>	Read head for incident light positioning system
	<b>PGV150I-F200-B16-V15</b>	Read head for incident light positioning system
	<b>PGV100I-F200-B16-V15</b>	Read head for incident light positioning system
	<b>PGV100-F200A-B16-V15</b>	Read head for incident light positioning system
	<b>PGV150I-F200A-B25-V1D</b>	Read head for incident light positioning system
	<b>PGV100-F200A-B6-V15B</b>	Read head for incident light positioning system
	<b>PGV150I-F200A-B17-V1D</b>	Read head for incident light positioning system
	<b>PGV150I-F200A-R4-V19</b>	Read head for incident light positioning system
	<b>PGV100-F200-R4-V19</b>	Read head for incident light positioning system
	<b>PGV100-F200-B17-V1D-7477</b>	Read head for incident light positioning system
	<b>PGV100-F200A-B25-V1D</b>	Read head for incident light positioning system
	<b>PGV100-F200A-B17-V1D</b>	Read head for incident light positioning system
	<b>PGV100RS-F200-B16-1,5M</b>	Read head for incident light positioning system
	<b>PGV100R-F200-B16-1,5M-KOL</b>	Read head for incident light positioning system
	<b>PGV100RS-F213-R4-1.5M</b>	Read head for incident light positioning system
	<b>PGV100R-F200-R4-1,5M</b>	Read head for incident light positioning system
	<b>PGV100R-F200-B16-1,5M</b>	Read head for incident light positioning system
	<b>PGV100R-F200-B16-CJD</b>	Read head for incident light positioning system
	<b>PGV100R-F213-B16-1.5M</b>	Read head for incident light positioning system
	<b>PGV40R-F213-B16-1.5M</b>	Read head for incident light positioning system







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Pepperl+Fuchs Group  
www.pepperl-fuchs.comUSA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.comGermany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.comSingapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

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## Matching System Components

	<b>PGV100R-F213-R4-1.5M</b>	Read head for incident light positioning system
	<b>PGV100RS-F200-B16-1,5M-8606</b>	Read head for incident light positioning system
	<b>PGV100RS-F213-B16-1.5M</b>	Read head for incident light positioning system
	<b>PGV40RS-F213-B16-1.5M</b>	Read head for incident light positioning system
	<b>PGV100-F200A-R4-V19</b>	Read head for incident light positioning system
	<b>PGV100-F200A-R4-V19-6829</b>	Read head for incident light positioning system

## Accessories

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