Dimensions

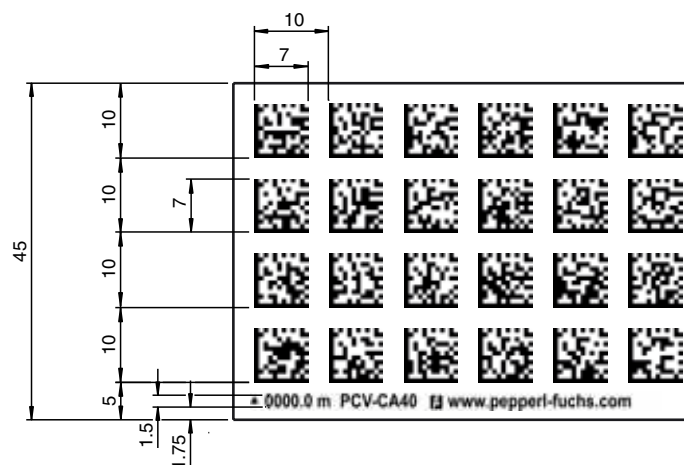## Model Number

PCV-CR40

Coded repair tape for PCV system

Features

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

Technical data

General specifications

Description	Repair band to bridge a damaged code tape
Length	1000 mm

Ambient conditions

Operating temperature	-40 ... 150 °C (-40 ... 302 °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
Tensile strength	≥ 150 N
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

Operation Using Repair Tape

The repair tape works incrementally. It adds one value to the previous read position on the code tape. If the reader starts on a repair tape, the reader reports an error. Before starting the reader, move it to a position on the code tape away from the repair tape to read an absolute value. Reliable absolute position values can be obtained using the absolute code tape range.

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 4411
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS
SENSING YOUR NEEDS

1

Matching system components

PCV100I-F200-SSI-V19
Read head for incident light positioning
system

PCV80I-F200-SSI-V19
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
Read head for incident light positioning
system

PCV100-F200-SSI-V19-6011
Read head for incident light positioning
system

PCV80-F200-R4-V15-LS221
Read head for incident light positioning
system

PCV100-F200-R4-V15-LS221
Read head for incident light positioning
system

PCV50-F200-R4-V15-LS221
Read head for incident light positioning
system

PCV80I-F200-R4-V19
Read head for incident light positioning
system

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 4411
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS
SENSING YOUR NEEDS

Matching system components

PCV100I-F200-R4-V19
Read head for incident light positioning system

PCV100-F200-R4-V19
Read head for incident light positioning system

PCV100-F200-R4-V19-SEW
Read head for incident light positioning system

PCV100-F200-R4-V19-6011
Read head for incident light positioning system

PCV50-F200-R3-6360
Read head for incident light positioning system

PCV80G-F200-R4-V19
Read head for incident light positioning system

PCV130B-F200-R4-V19
Read head for incident light positioning system

PCV80-F200-R4-V19
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

PCV80-F200-B6-V15B
Read head for incident light positioning system

PCV100I-F200-B17-V1D
Read head for incident light positioning system

PCV100-F200-B17-V1D
Read head for incident light positioning system

PCV100-F200-B6-V15B
Read head for incident light positioning system

PCV100-F200-B16-V15
Read head for incident light positioning system

PCV80-F200-B16-V15
Read head for incident light positioning system

PCV100-F200-B16-V15-6011
Read head for incident light positioning system

PCV100-F200-B17-V1D-6011-6997
Read head for incident light positioning system

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

Pepperl+Fuchs Group | USA: +1 330 486 0001 | Germany: +49 621 776 4411 | Singapore: +65 6779 9091
www.pepperl-fuchs.com | fa-info@us.pepperl-fuchs.com | fa-info@de.pepperl-fuchs.com | fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS
SENSING YOUR NEEDS

3

Matching system components

PCV80-F200-B25-V1D
Read head for incident light positioning system

PCV100-F200-B25-V1D-6011
Read head for incident light positioning system

PCV50-F200-B25-V1D
Read head for incident light positioning system

PCV100-F200-B25-V1D-6011-6720
Read head for incident light positioning system

PCV100-F200-B6-V15B-6011
Read head for incident light positioning system

PCV80S-F200-SSI-V19
Read head for incident light positioning system

Release date: 2018-05-14 12:32　Date of issue: 2018-05-14　257878_eng.xml

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

4　Pepperl+Fuchs Group
www.pepperl-fuchs.com
USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com
Germany: +49 621 776 4411
fa-info@de.pepperl-fuchs.com
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS
SENSING YOUR NEEDS