

Event marker

PCV-CM20-042-005-SET



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

Event markers for the PCV system

Dimensions



Technical Data

General specifications	
Start marker number	42
Number	5
Length	1 m per event marker number
Width	25 mm (2 row version)
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
Tensile strength	≥ 150 N
Manufacturing tolerance	± 1 mm/m
Storage	Maximum 2 years under normal storage conditions.

Release date: 2025-06-12 Date of issue: 2025-06-12 Filename: 299650-100014_eng.pdf

Technical Data

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

Additional Information

Example for order information

Event markers from **150** to **199** are required. The order is placed using the start number for the number range and the end number for the number range.

This results in the order designation **PCV-CM20-150-050-SET**. The number **50** in the order designation represents the number of event marker strips each measuring 1 m. The number **150** in the order designation represents the start number.

NOTE: Event marker numbers from 1 ... 999 can be ordered as required. In this example, the delivery consists of 50 event marker strips, each measuring 1 m long. The event marker code tape is 1-meter long and can also be shortened if required. Please note that depending on the travel speed and the measuring rate of the read head, the event marker code tape must have a minimum length to be detected reliably.

Type Code

**Structure of the type code
(Ordering information)**

P	C	V	-	C	M	2	0	-	(1)	(1)	(1)	-	(2)	(2)	(2)	-	S	E	T
---	---	---	---	---	---	---	---	---	-----	-----	-----	---	-----	-----	-----	---	---	---	---

PCV	Sensor Type
PCV	Data Matrix positioning system (PCV)

CM	Code Type
C	Data Matrix ECC200, Symbol size 12x12
M	Event marker tape

20	Width of the marker tape
20	25 mm (2 row version)

(1) (1) (1)	Start marker number
001 ... 999	Event marker start number

(2) (2) (2)	Number
001 ... 999	Number of event marker strips of 1 m each.

Release date: 2025-06-12 Date of issue: 2025-06-12 Filename: 299650-100014_eng.pdf