

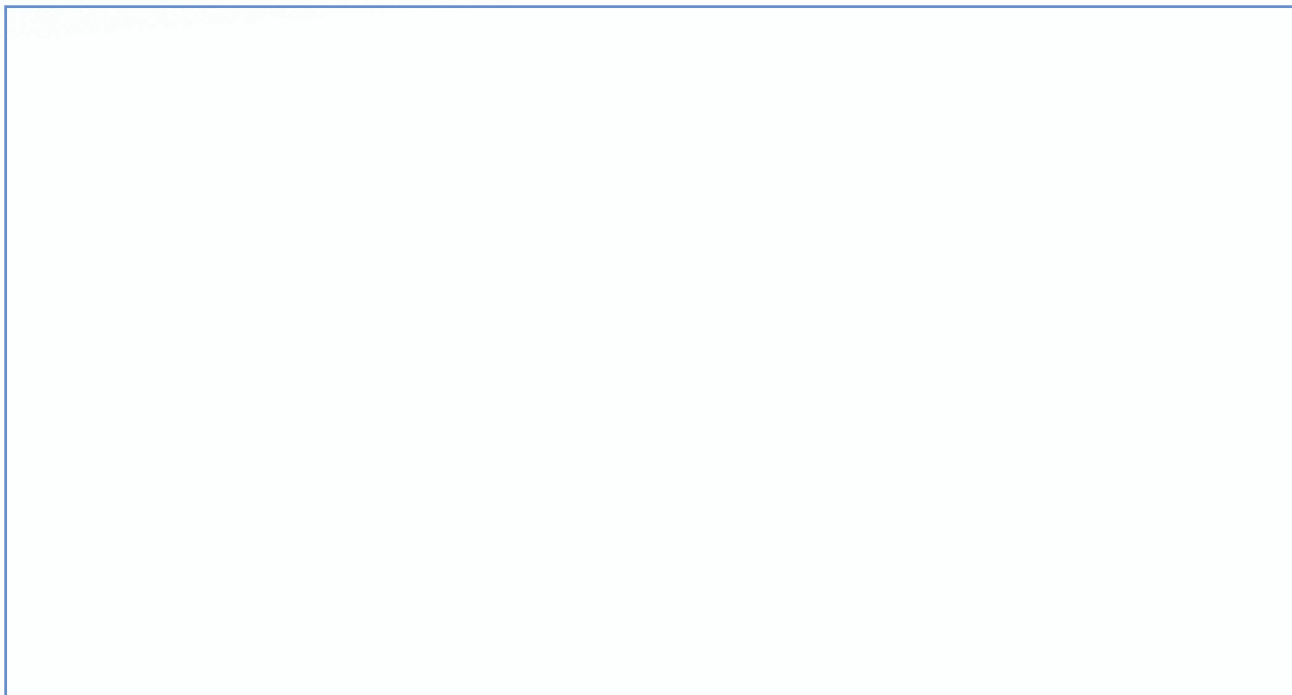
**PRODUCT DESCRIPTION:**

**DM\_F5100**

**PRODUCT CODE:**

**DM5F5100X11**

**DYNAMIC 3D VIEW:**



**STATIC 3D VIEW:**



Datasheet creation date: 13/08/2025 14:52



tel. +39 039 9906408  
+39 039 9903468  
fax +39 039 9906203

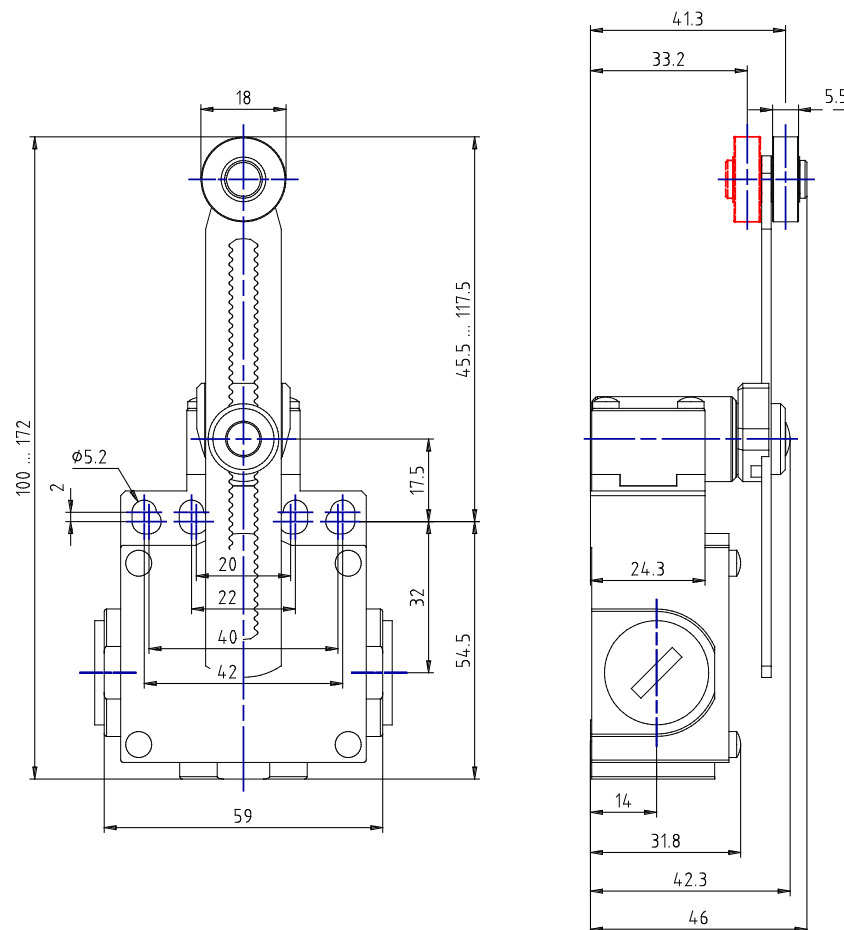


Via Novarino 9/L  
23899 Robbiate (LC)  
ITALY



[www.comepi.it](http://www.comepi.it)  
[comepi@comepi.it](mailto:comepi@comepi.it)  
[tecnico@comepi.it](mailto:tecnico@comepi.it)

**TECHNICAL VIEW:**



|                                             |    |    |
|---------------------------------------------|----|----|
| X11                                         | 13 | 21 |
|                                             | 14 | 22 |
|                                             |    |    |
| <p>0 21° 30° 37° 74°</p> <p>21-22 13-14</p> |    |    |

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tecnico@comepi.it

**DETAILS:**

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| Part Number                                                         | DM5F5100X11                                                    |
| Casing Material                                                     | Painted zamak                                                  |
| Width [mm]                                                          | 50                                                             |
| Electrical connections                                              | Three threaded cable inlets for M20x1.5 cable glands           |
| IP protection rating                                                | IP66                                                           |
| Actuating Head                                                      | Adjustable toothed lever (2mm step) with nylon roller (ø 18mm) |
| Head Material                                                       | Metal Head                                                     |
| Microswitch                                                         | Non-overlapping slow action contacts ( 1NO + 1NC )             |
| Approvals                                                           | IMQ - cULus - CCC - EAC                                        |
| Reference Directives                                                | LVD - 2014/35/EU                                               |
| Reference Standards                                                 | IEC 60947-5-1 / EN 60947-5-1                                   |
| Operating Temperatures [°C]                                         | -25°C ... +70°C                                                |
| Stock temperature [°C]                                              | -30°C ... +80°C                                                |
| Protection against electric shocks (according to IEC 60536) [Class] | Class I                                                        |
| Rated insulation voltage UI [V]                                     | 500                                                            |
| Pollution Degree                                                    | 3                                                              |
| Contact rating according to UL50                                    | A300 - Q300                                                    |
| Rated Impulsive Voltage Uimp [kV]                                   | 6                                                              |
| Conventional thermal current in air free lth (θ min 40 ° C) [A]     | 10                                                             |
| Short circuit protection (EU min 500Vac - fuses type gG (gI)) [A]   | 10                                                             |
| Operating currents Ie - AC-15 (50-60 Hz) According to IEC 60947-5-1 | 24V - 10A / 120V - 6A / 400V - 4A                              |
| Operating currents DC-13 According to IEC 60947-5-1                 | 24V - 6A / 125V - 0.55A / 250V - 0.4A                          |
| Switching Frequency [cycles/hour]                                   | 3600                                                           |
| Resistance Between Contacts [mΩ]                                    | 25                                                             |
| Connecting Terminals                                                | M3.5 screw with cable clamp (+,-) pozidriv 2                   |
| Connecting Cables Dimensions [mm²]                                  | 0.75 ... 2.5                                                   |

**PRODUCT DRAWING RELEASE:**

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**DETAILS:**

|                                                |                                              |
|------------------------------------------------|----------------------------------------------|
| Protective Conductor Terminal                  | M3.5 screw with cable clamp (+,-) pozidriv 2 |
| Marking Terminals                              | According to IEC 60947-5-1                   |
| Mechanical Durability [Millions of Operations] | 25                                           |
| B10d [Millions of Operations]                  | 50                                           |

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