

**Bourdon tube pressure gauges, liquid filled,**

**Modelcode type: 213.53.0XX**

**Item number: 82265250**

**Description**

|                            |                              |
|----------------------------|------------------------------|
| Design according           | EN 837-1                     |
| Accuracy class             | class 1.6                    |
| Scale range                | 0...4 MPa                    |
| 2nd Scale or Special Scale | 2nd scale kg/cm <sup>2</sup> |

**Constructional design**

|                    |                                  |
|--------------------|----------------------------------|
| Process connection | R 1/4 ISO 7                      |
| Connector location | lower mount                      |
| Pressure element   | Copper alloy                     |
| Movement           | Copper alloy                     |
| Case               | Crimp ring case (version 53)     |
| Nominal size       | 063 mm                           |
| Case filling fluid | glycerine                        |
| Pointer            | plastic, black (double division) |
| Window             | plastic, clear                   |
| Dial               | plastic, white, with stop-pin    |

**Operating conditions**

|   |   |
|---|---|
| Pressure limitation   | Steady: 3/4 x full scale value<br>Fluctuating: 2/3 x full scale value<br>Short time: Full scale value |
| Permissible ambient temperature   | -20 ... +60 °C  |
| Permissible medium temperature  | +60°C maximum   |
| Temperature effect when the temperature deviates from the reference temperature (+20°C) | Max. +/-0.4 %/10 K of the span  |
| Ingress protection  | IP 65   |

**Dial description:**

|                             |              |
|-----------------------------|--------------|
| Pressure Gauge Standard     | China        |
| color for 1.scale (outside) | black        |
| color for 2.scale (inside)  | red RAL 3020 |

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|                        |            |
|------------------------|------------|
| dial background        | White      |
| Manufacturer logo      | *WIKA*     |
| stop pin on dial       | at zero    |
| norm-mark on dial      | *EN 837-1* |
| safetymark on dial     | *S*        |
| accuracy class on dial | *Cl.1.6*   |

| Labelcode             |               |
|-----------------------|---------------|
| Label                 | WIKA standard |
| language of the label | German        |