



### Main

Range	Vigilohm
Device short name	IM20-H
Product or component type	Insulation monitoring device
Device application	Hospital
Earthing system	IT
User language	Russian Spanish French Chinese German Portuguese English Italian

### Complementary

Network rated voltage	0...230 V - AC at 50/60 Hz (phase to neutral) 0...100 V - DC
Data recording	Alarm logs
Type of measurement	Network insulation resistance - measurement range: 1 kOhm...10 MOhm History of alarms
Local signalling	Green indicator light: satisfactory insulation resistance Orange indicator light: below fault threshold
Threshold setting	Fault: 50...500 kOhm
Response time	<= 1 s
Auxiliary supply voltage	125...250 V DC +/- 15 % 110...230 V AC 50/60 Hz +/- 15 %
Power consumption in VA	12 VA
Measurement voltage	25 V
Measurement current	0...0.2 mA
Internal impedance	110 kOhm - AC at 50/60 Hz
Test function	Manual
Output contact	1 C/O standard or fail-safe
Breaking capacity	250 V - AC at 6 A 12...24 V - DC at 6 A
Input function	Injection inhibition: 24 V DC 5 mA
Communication port protocol	Modbus
Communication port support	RS485
Display type	Digital display
Mounting mode	Clip-on Flush-mounted
Mounting support	DIN rail Panel
Connections - terminals	Removable screw terminal block 0.2...2.5 mm²
Material	Thermoplastic
Net weight	0.25 kg
Height	110 mm
Width	96 mm
Depth	59 mm

## Environment

Dielectric strength	4000 V - AC 5500 V - DC
IP degree of protection	Front face: IP52
Environmental characteristic	Exposure to damp heat not in service conforming to IEC 60068-2-30 Exposure to damp heat in service conforming to IEC 60068-2-56 Salt mist conforming to IEC 60068-2-52
Pollution degree	2
Type of installation	Indoor
Standards	IEC 61010-1 IEC 61557-8 IEC 60364-7-710 IEC 61326-2-4
Product certifications	DNV[RETURN]EAC[RETURN]BV[RETURN]CE
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.5 cm
Package 1 Width	13.5 cm
Package 1 Length	16.5 cm
Package 1 Weight	438 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	4.177 kg

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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