

Flow rate sensors for fluid media with an end value of 10...100 l/min | SDNB 552/3 GAPL

- Flow rate sensor with IO-Link
- Flow and temperature measurement
- for waterbased media
- Process data can also be used for remote maintenance
- Analog and switching output in SIO-mode available
- Detection range temperature: 0...60° C



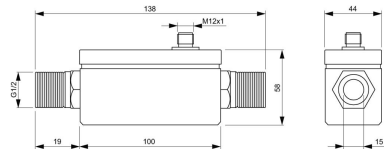
Detection range flow: **2...40 l/min** - process connection: **G 1/2**

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| TYPE | SDNB 552/3 GAPL |
| Product ID | P11435 |
| Medium | waterbased media |
| Detection range water | 2 ... 40 l/min |
| Temperature monitoring | 0 ... 60 °C |
| Inner diameter d | 15 mm |
| Process connection | G1/2 |
| Output | analog output 4...20 mA, IO-Link, switching output |
| Output function | PNP-NO / NC |
| Process data flow | 0...400 [l/min x 0,1] |
| Process data temperature | 0...600 [°C x 0,1] |
| Supply voltage | 18 ... 30 VDC |
| Current consumption max. | 40 mA |
| Ambient temperature | 0 ... 60 °C |
| Medium temperature | 0 ... 60 °C |
| Reaction time typ. | 1 ... 8 s |
| Programmable functions | range, teach-commandos, window, time on/off delay, averaging, switching output |
| IO-Link-Specifications | revision 1.1, baud rate COM 2, min. cycle time 3.5 ms, process data 4 byte |

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|--|-----------------------------|
| Compressive strength | 10 bar |
| Material sensor touched by medium | stainless steel AISI 316 Ti |
| Material housing | PBT-GF30 |
| Protection [EN 60529] | IP 65 |
| Electrical connection | M12 connector |

Accessories IO-Link/USB-Master-Set (Z01216)

Technical Image



Pin Map

