

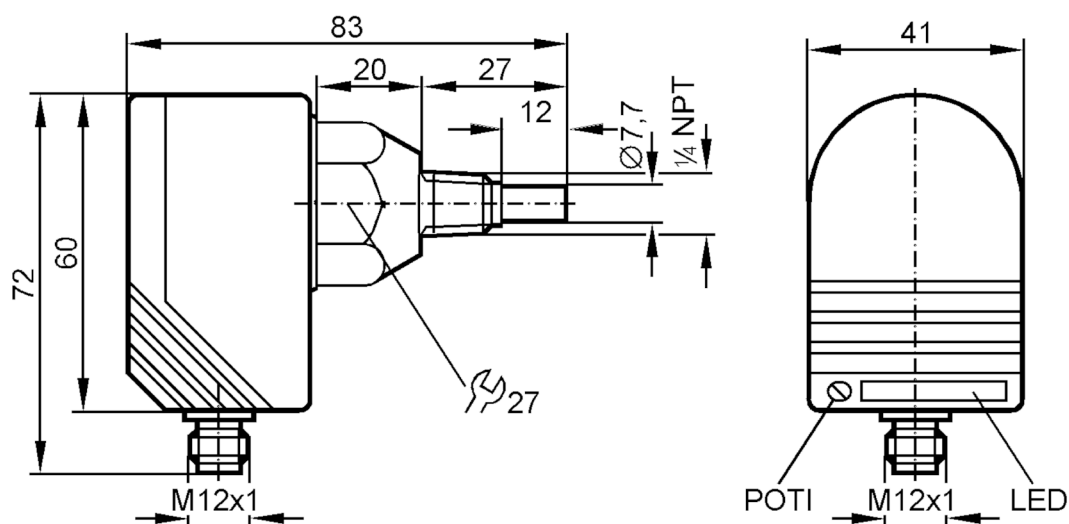
# ST2615

## Flow monitor

SCN14ABAFNKG/PH



Article no longer available - archive entry



### Product characteristics

|                              |                              |
|------------------------------|------------------------------|
| Number of inputs and outputs | Number of digital outputs: 1 |
| Process connection           | 1/4" NPT                     |

### Application

|                         |          |
|-------------------------|----------|
| Media                   | Liquids  |
| Medium temperature [°C] | -25...80 |
| Pressure rating [bar]   | 30       |

### Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 20...36 DC |
| Current consumption [mA]    | < 45       |
| Reverse polarity protection | yes        |
| Power-on delay time [s]     | < 20       |

### Inputs / outputs

|                              |                              |
|------------------------------|------------------------------|
| Number of inputs and outputs | Number of digital outputs: 1 |
|------------------------------|------------------------------|

### Outputs

|                                           |                                        |
|-------------------------------------------|----------------------------------------|
| Total number of outputs                   | 1                                      |
| Output signal                             | switching signal                       |
| Electrical design                         | PNP                                    |
| Number of digital outputs                 | 1                                      |
| Output function                           | normally open / closed; (configurable) |
| Max. voltage drop switching output DC [V] | 2.5                                    |

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|                                                      |                    |
|------------------------------------------------------|--------------------|
| Permanent current rating of switching output DC [mA] | 400                |
| Short-circuit protection                             | yes                |
| Type of short-circuit protection                     | yes (non-latching) |
| Overload protection                                  | yes                |

### Measuring/setting range

|                             |         |
|-----------------------------|---------|
| Setting range [cm/s]        | 3...300 |
| Greatest sensitivity [cm/s] | 3...60  |

### Accuracy / deviations

|                                             |    |
|---------------------------------------------|----|
| Max. temperature gradient of medium [K/min] | 15 |
|---------------------------------------------|----|

### Reaction times

|                   |        |
|-------------------|--------|
| Response time [s] | 1...10 |
|-------------------|--------|

### Software / programming

|                                |               |
|--------------------------------|---------------|
| Adjustment of the switch point | potentiometer |
|--------------------------------|---------------|

### Operating conditions

|                          |          |
|--------------------------|----------|
| Ambient temperature [°C] | -20...80 |
| Protection               | IP 67    |

### Mechanical data

|                          |                                |
|--------------------------|--------------------------------|
| Material                 | PBT-GF20                       |
| Materials (wetted parts) | stainless steel (1.4305 / 303) |
| Process connection       | 1/4" NPT                       |

### Displays / operating elements

|         |          |          |
|---------|----------|----------|
| Display | Function | 11 x LED |
|---------|----------|----------|

### Accessories

|                |              |
|----------------|--------------|
| Items supplied | screwdrivers |
|----------------|--------------|

### Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|

### Electrical connection

Connector: 1 x M12; coding: A



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### Connection



BN = Core colors :  
brown  
BU = blue  
BK = black