

Nivovent M



The Nivovent range of products features the integration of a breather filter with level and temperature control. For the Nivovent M the breather filter connects with a male thread to the tank top. This configuration also offers the possibility to retrofit existing systems with modern controls. The filter elements of the breather are disposable.

The Nivovent M is ideal for use in smaller standard power packs and mobile equipment e.g. lift trucks etc. Several combinations of the breather filter with level and temperature contacts are available.

The unit is suitable for mineral oil based hydraulic or lube fluids.

- **breather filter**
- **disposable 10 micron filter element**
- **combined level and temperature control**
- **bistable level contacts = only one float**
- **float with excellent buoyancy**
- **standard connector**
- **easy installation**

technical data

switch tube

operating pressure	max. 1 bar
operating temperature	max. 80 °C
lowest spec. gravity	min. 0,8 kg/dm ³
float SK 161	NBR
switch tube	brass
breather housing	PA 12
breather retention rate	MIC = 10 µm or SM-L = 3 µm

level contact

	K8	W9
function	*NC / NO	change over
min. distance of contact	40 mm	40 mm
max. operating voltage	48 V	48 V
max. current	0,5 A	0,5 A
contact load	10 VA	20 VA
part-no:	1893999	1890899

* NC = normally closed / NO = normally open, all figures at **empty reservoir**

temperature contacts

max. voltage	48 V
max. current	2,5 A
max. contact load	100 VA
hysteresis	15 K ± 5 K

		NC*	Art.-Nr.	NO*	Art.-Nr.
switch point	50°C	TMÖ-50	1846299	-	-
	60°C	TMÖ-60	1846099	TMS-60	1848099
	70°C	TMÖ-70	1847099	TMS-70	1849099
	80°C	TMÖ-80	1847299	-	-

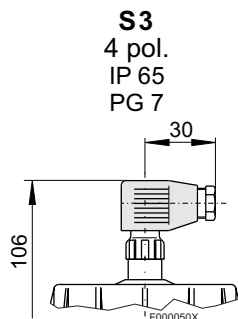
other settings upon request

* NC = normally closed / NO = normally open, all figures at **rising temperature**

connector

protection class
cable gland

other connectors
upon request



max. no of contacts

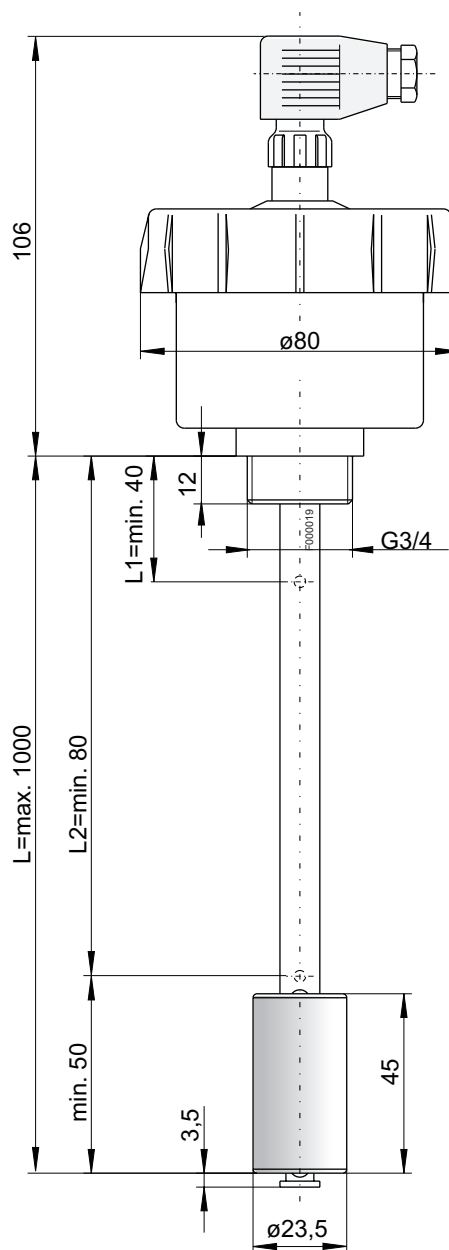
level-/ temperature contacts 1 x K8 / 1 x TM

level contact only
or

2 x K8
1 x W9

max. voltage

48 V



order information

part-no of basic version , **without** contacts , L = variable with connector type: S3

	S3	
Nivovent M-0-MS-MIC	1009599	- L = ... mm
Nivovent M-0-MS-SM-L	1009699	- L = ... mm

order example:

you need: length L= 520 mm, 2 level contact, first contact 100 mm NC , second contact 450 mm NO.

you order: part-no:1009599 Nivovent M-0-MS-MIC L= 520, 2 x contact K8 (1893999) L1=100 NC, L2 = 450 NO

part-no of standard combinations - length variable , 1 level- (K8) and 1 temperature contact

1018199	Nivovent M-1-MS-MIC-TMÖ-60	L = ... ; L1 = ...	1018599	Nivovent M-1-MS-SM-L-TMÖ-60	L = ... ; L1 = ...
1018299	Nivovent M-1-MS-MIC-TMÖ-70	L = ... ; L1 = ...	1018699	Nivovent M-1-MS-SM-L-TMÖ-70	L = ... ; L1 = ...
1018399	Nivovent M-1-MS-MIC-TMS-60	L = ... ; L1 = ...	1018799	Nivovent M-1-MS-SM-L-TMS-60	L = ... ; L1 = ...
1018499	Nivovent M-1-MS-MIC-TMS-70	L = ... ; L1 = ...	1018899	Nivovent M-1-MS-SM-L-TMS-70	L = ... ; L1 = ...