relative to the diameter of the bending beam (2', 3') is in a relationship in the region of 2 to 6.

21. A flow sensor (1) according to one of claims 14 to 20 characterised in that the flow cross-section is adapted to the cross-section through which the medium flows.

22. A flow sensor (1) according to one of claims 14 to 21 characterised in that it is adapted to carry out a method according to one of claims 1 to 9.

23. A monitoring device (100) for monitoring at least one condensate drain (20) for draining off a condensate, including:

- at least one flow sensor (1), ~~in particular~~ according to one of claims 14 to 22, which is releasably connected to a pipe and/or condensate drain (20),
- at least one vibration converter (112), and
- at least one evaluation device (109),

wherein the flow sensor (1) is arranged adjacent to the pipe and/or the condensate drain (20).

24. A monitoring device (100) according to claim 19 characterised in that the flow sensor (1) is arranged between the pipe and the condensate drain (20), preferably upstream of the condensate drain, and/or preferably is releasably connected to the pipe and the condensate drain (20) by means of a first flange (31) associated with the pipe and a second flange (22) associated with the condensate drain (20).

25. A monitoring device (100) according to one of claims 19 or 20 characterised by at least one temperature measuring device (144) for detecting a temperature preferably of the medium and/or in the region of the pipe and/or condensate drain (20).