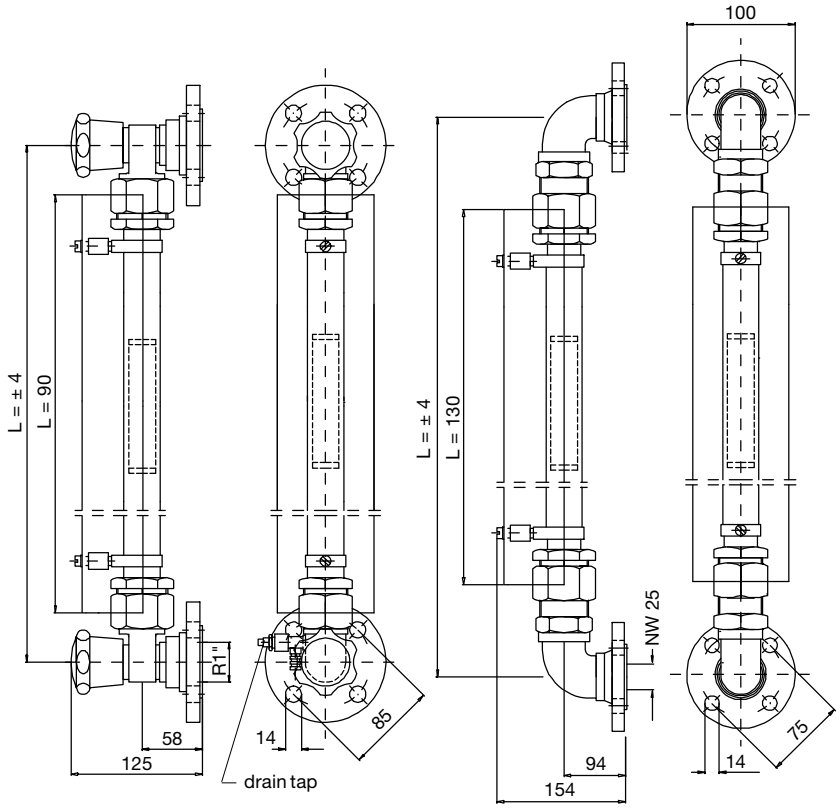
CE

Viewing Glass 0510

Remote signalling of liquid levels	Floats of varying sizes made from glass or PP (see order No., last position / options 1 ... 4), together with their enclosed permanent magnets, can actuate the magnet-operated switches mounted on the level indicator tube and transmit the current liquid level signal to a remote location. Three types of magnet-operated switches (including special fixing straps) are available for different measuring tasks (see Data Sheet No. 0715):
HR-071500 (mono-stable changeover switch)	The switch remains actuated only as long as the float is located in the effective area of the switch.
HR-071600 (bi-stable changeover switch)	The switch actuates when the magnet passes by and remains activated until the magnet passes by again in the other direction.
HR-071700 (make switch, NAMUR)	When the magnet is in the effective area of the switch, the switch changes its internal resistance accord. to DIN 19 234 (NAMUR: with magnet - 11kOhm, without magnet - 1 kOhm)
	The magnet-operated switches can be fixed at any height using their fixing straps.
Ex-zone 1	The use of a suitable isolated switching amplifier (e.g. HR-1031/ HR-1131 or HR-1071/HR-1171) not only allows the switches to be used in Ex-zone 1 , but also can monitor the control circuit for short- and open-circuits.
Analysis	The contact protector relays HR-1051 and HR-1151 protect the contacts against overloading. The bi-stable relay HR-1091 maintains the last switching position in the case of a power failure.
Technical Data:	**HR-0510**
Supply	The magnet-operated switches are passive contacts.
Environmental conditions	See Order No. for max. temperature and pressure capacity of the angle piece, valve, level indicater tube and float.

Dimensions



e.g. HR-051... HR-056...

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