



Fig. A

Fig. B

**Indication rail: Polycarbonate, special execution, T @150°C**

(Flaps: red/silver)

Filled with inert gas. Attention: Do not open!

Especially for wet, dusty or corrosive environment.  
Applicable for low temperature applications. Due to the gas filling there will be no formation of ice inside the rail and therefore function is always guaranteed

**Range of application:**

Operating temperature <sup>\*\*1)</sup>: -100°C to max. +150°C  
Max. vertical velocity of float (= rate of level change): m2.2m/sec

**Execution:**

Viewing angle (horizontal): Approx. 240°  
Max. indication rail length: max. 5000mm  
Protection class: IP68

**Materials:**

Inner and outer profiles: Transparent polycarbonate (\*), UV stabilised (\* Makrolon, Illexon, Lexan, etc.)  
Flaps: Aluminium: coloured or anodised uncoloured  
Stabilisation magnet: Ferrite  
Magnetic guiding tape: Rubber-ferrite strip  
End caps: Polycarbonate transparent  
End cap seals: none  
Fastening screws: none

**Clip types (Fig. A):**

All Smart indicators (34000, 34110)  
Standard indicators (23614)  
All plastic indicators  
All top of tank indicators (based on Type 23614)

**Clips (Fig. A):**

Float chamber diameter:	> 306 40mm	> 406 57mm	> 576 80mm
Hose clamp:	<b>36253</b>	<b>36242</b>	<b>36243</b>
Tightening torque (clip screw):	2.56 3.5Nm	2.56 3.5Nm	2.56 3.5Nm
Max. spacing between clips:	m400mm	m600mm	m600mm

**Clip types (Fig. B):**

Standard indicators (34300, 32755)  
All high-pressure indicators (36800, 26411, 25683, 32806)  
All Petro indicators

**Clips (Fig. B):**

Float chamber diameter:		> 406 57mm	> 576 80mm
Reinforced fixation:		<b>37220</b>	<b>37220</b>
Hose clamp:		<b>84043</b>	<b>84043</b>
Tightening torque (clip screw):		2.56 3.5Nm	2.56 3.5Nm
Hose clamp:		<b>36242</b>	<b>36243</b>
Tightening torque (clip screw):		2.56 3.5Nm	2.56 3.5Nm
Max. spacing between clips:		m600mm	m600mm

**Options:**

a) Summary of options for extreme applications (reinforced fixation, end caps, protective sleeving, low temperature protection, etc.)  
b) Summary of options for optimised indication (coloured flaps, failure mode indication, measuring scale, etc.)

**Data sheets:**

**20050105**  
**20050106**

**Note:**

\*1) Temperature of fluid inside the VLI float chamber