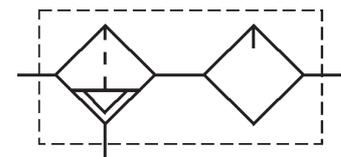


8. CENTRAL FILTER-LUBRICATOR UNITS

ITEM	ZFL55	ZFL88	Application Information
Port size	G 1"	G 2"	
Description	Differential pressure regulated central-lubricator		<p>This new innovation has as goal to replace several separate mounted lubricators by one centralized lubricator. A serious saving in installation cost and maintenance work is achieved. Also the efficiency and the productivity of compressed air driven machines increases considerably.</p> <p>By installing the central lubricator unit you will only consume 5 to 10 % of the oil which is vainly used through conventional lubricators.</p> <p>This innovation means the end of the daily controlling and the filling of the many lubricators and also tapping great quantity of rest-oil from the air circuit.</p> <p>The working of the central filter-lubricator is based on the combination of a differential pressure regulator and a injection evaporating lubricator.</p> <p>The differential pressure is set by adjusting a sensitive pressure regulator which is build in a bypass of the main air system. The regulator works with piloted valves.</p> <p>Through the injection evaporating system you get a fine homogeneous oil mist in the air system which is effective working up to 300 meters.</p> <p>The central lubricator is a useful system for production-lines where a lot of pneumatic operating machines are working such as air motors, screw-drivers and spanners.</p> <p>This system is available in two sizes (1" or 2" BSP), which are standard equipped with a fine filter and a differential pressure gauge (Note: a difference of 0,5 bar gives the best results).</p> <p>An electrical oil level watcher (with a warning light) is obtainable as option.</p>
Mounting	Vertically, drain plug at bottom		
Supply pressure	Pe max. 10 bar		
Operating diff. pressure area	0,3-1 bar		
Recom. operat. diff. press. area	0,5 bar		
Temp.	Max. 50°C		
Bowl volume	2 l	5 l	
Flow range	80-7.000 l/min	250-20.000 l/min	
Recommended Oil-viscosity	32 c St/40°C		
Grade of filtration of prefilter	40 µm (absolut)	60 µm (absolut)	
Oil-mist-particle size	0,3-2 µm		
Fixing	In pipe line Mounting bracket		
Weight	13,000 kg	31,600 kg	



ordering indication

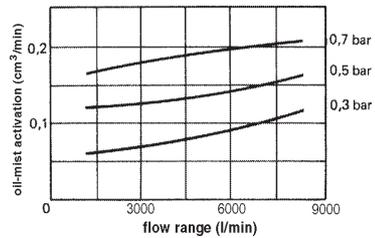
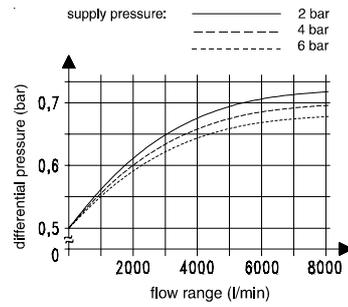
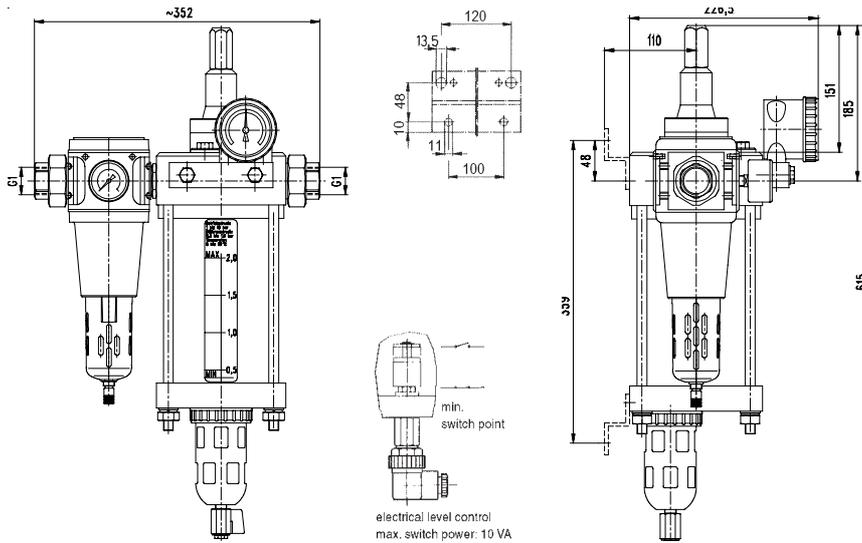
ZFL. ** *	
type	
1 port size	2 option

Port size
55 G 1"
88 G 2"

Options

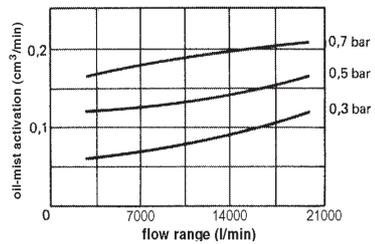
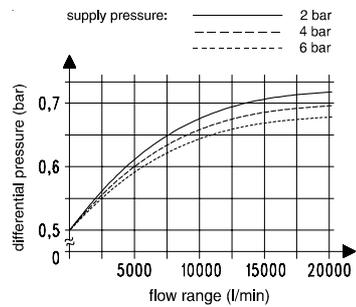
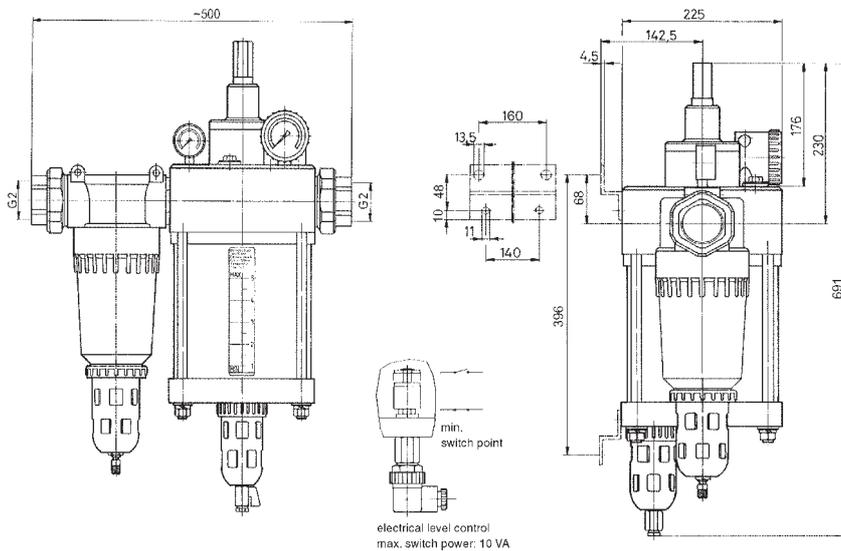
example: **ZFL55**

Dimensions (mm) ZFL55



FLOW
Oil-mist

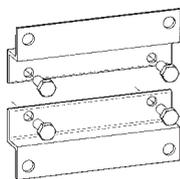
Dimensions (mm) ZFL88



FLOW
Oil-mist

Accessories

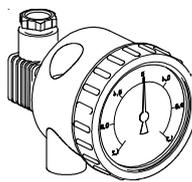
Mounting bracket



ZFL55->ZFL55-22
ZFL88->ZFL88-34

Diff. gauge with
signal transmitter
connection

ZFL55->DM1R
ZFL88->DM1R



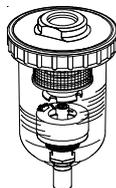
Electrical level
switch

ZFL55->ZFL88-57
ZFL88->ZFL88-57



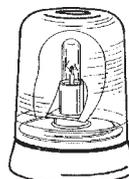
Condensation
drain

ZFL55->DK23AM5
ZFL88->DK23AM5



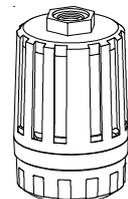
Warning light

ZFL55->ZFL88-55
ZFL88->ZFL88-55



Filter-silencer

ZFL55->FS33/FS55
ZFL88->FS33/FS55



Technical modifications keep in reserve !

(2004/01)