



## Volume flow meter with throttle- and bypass valve KUZ-B

### Use:

In oil lubrication systems

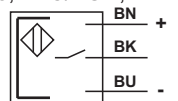
- In-series mounting in narrowest space
- Viscosity-independent volume flow monitoring
- High measuring accuracy
- Wide monitoring range
- Continuously adjustable volume flow
- Measuring device can be cleaned or replaced during operation
- Little flow resistance
- Control element with functional display (LED)

### Technical data:

Flow volume: approx. 0,2 ... 7 l/min.  
 Volume per electrical pulse: 11,7 cm<sup>3</sup>  
 Measuring accuracy  
     at 0,2 l/min: ± 6%  
     at 2,0 l/min: ± 3%  
     at 7,0 l/min: ± 2%  
 Operating pressure: at max. 25 bar  
 Pressure loss: see diagram page 2  
 Temperature range: 0 ... 60 °C  
 Mounting position: as needed  
 Materials: AI / PMMA  
               NBR (Perbunan)

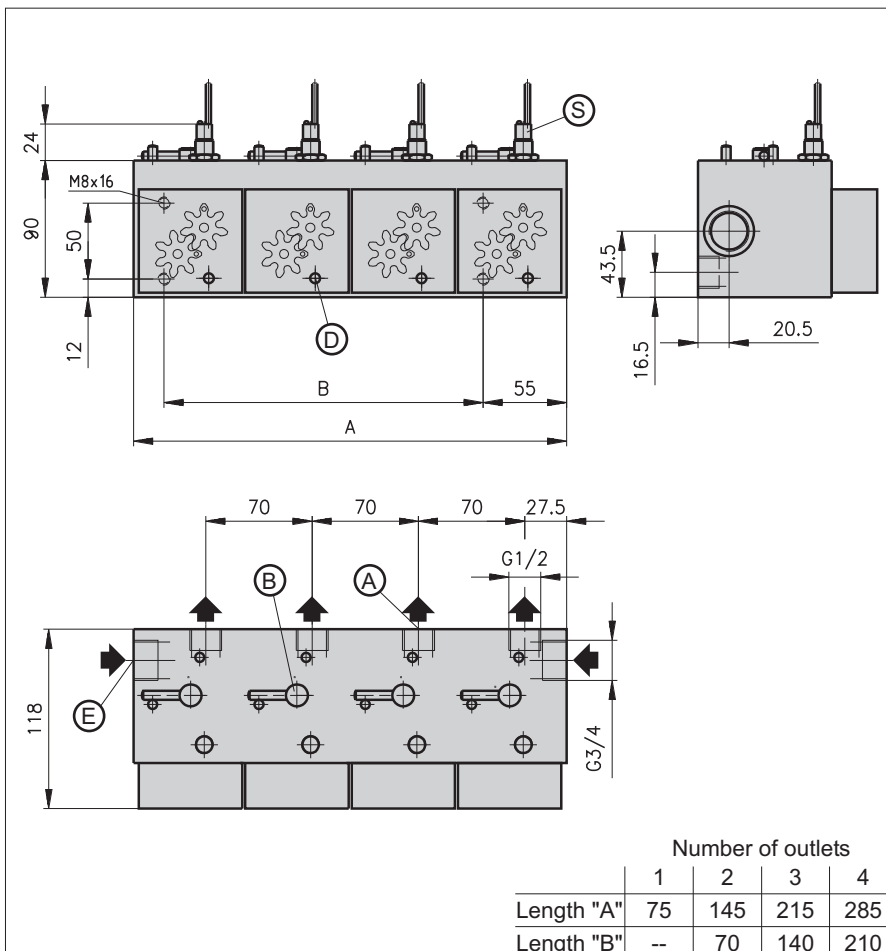
### Magnetic field sensor with LED:

Casing material: Brass nickel-plated  
 Operating voltage: 10 ... 30 VDC  
 Residual ripple: ≤ 10 %  
 Constant current: ≤ 300 mA  
 Induced current consumption: ≤ 10 mA  
 Voltage drop: ≤ 1,5 V  
 Protection system: IP67  
 Connection type: Cable, PVC/PUR, 2m  
 Connection diagram:



### Note on dimensional drawing:

- A = Output connector  
 B = Bypass valve  
 D = Throttle valve  
     (Hexagon socket SW 5)  
 E = Input connector  
 S = Magnetic field sensor



- Subject to modifications -

