



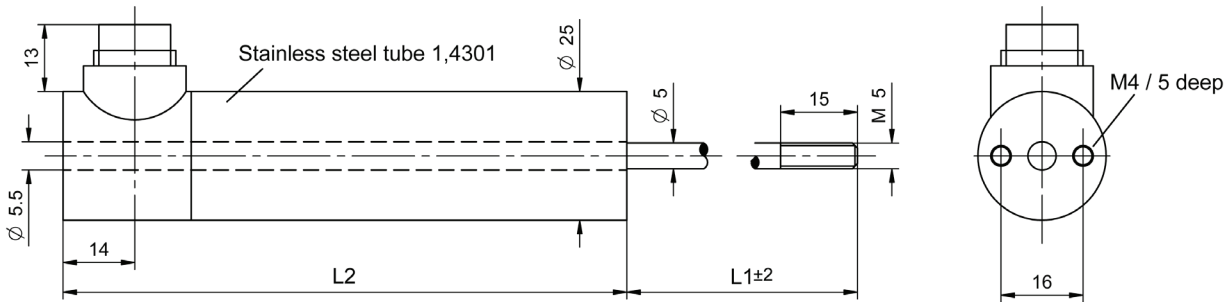




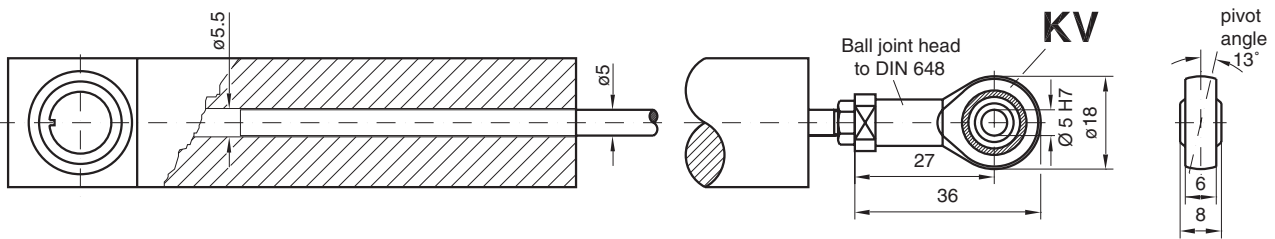
Installation drawing

Standard version, without rod guide

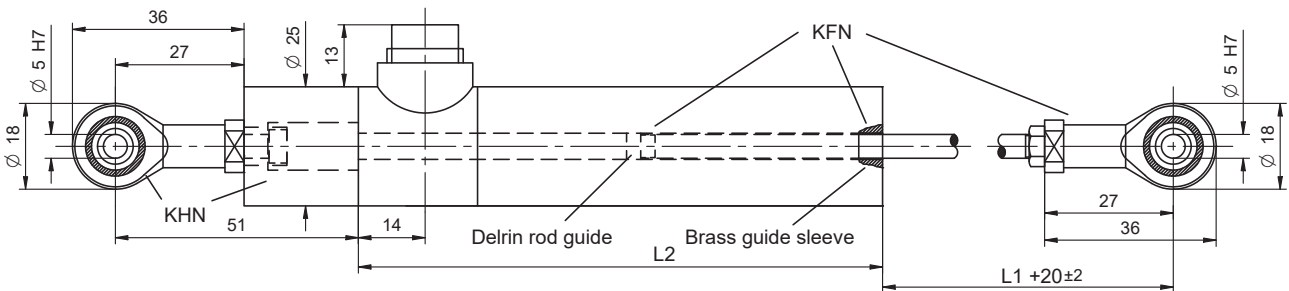
Dimensions in mm



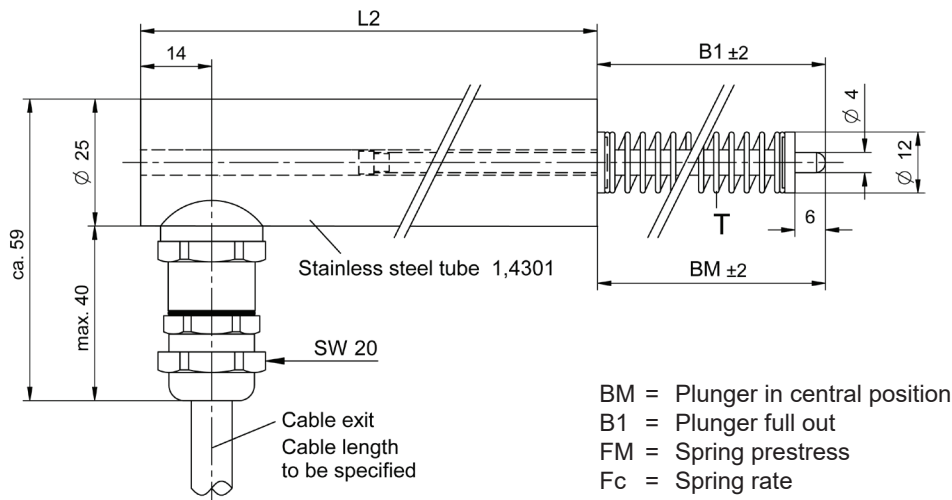
Version with ball joint on plunger (KV), without rod guide



Version with ball joint on plunger (KFN) and on end of case (KHN), with rod guide, captivated



Gauge version (T) with return spring (up to 100 mm stroke),  
Version (PK) with cable exit with gland



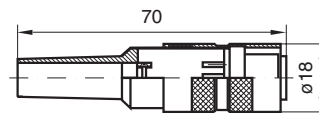
Electrical connections

IW251, IW252, IW253, IW254, IW25A und IW25B	IW255 und IW256
yellow = +V <sub>s</sub> blue = - U <sub>s</sub> (0V) - I <sub>0</sub> black = + I <sub>0</sub> /V <sub>0</sub> (output)	brown = +V <sub>s</sub> yellow = 0V (GND) white = -V <sub>s</sub> green = +V <sub>0</sub> (output)

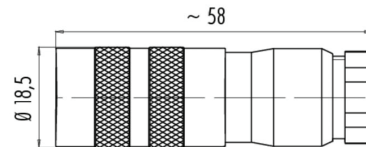
Measuring stroke mm	BM mm	B1 mm	FM N	Fc N/mm
20	70	85	~ 4	0.14
40	70	98	~ 4	0.07
100	140	198	~ 4	0.03

Mating plugs

Metal case (to be ordered separately) BI 681 3PS or 4PS (IP40)

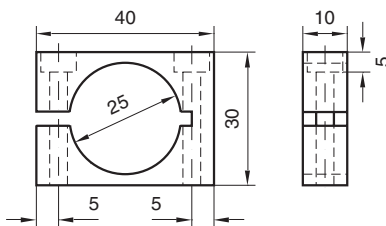


Metal housing with ground loop (to be ordered separately)  
 STK3GS111 3-pole  
 STK4GS112 4-pole  
 Cable entry with strain relief  
 For cables with 6-8mm Ø IP67

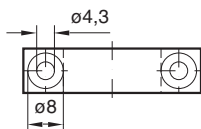


MB 25 Mounting block

brass nickel plated (to be ordered separately)

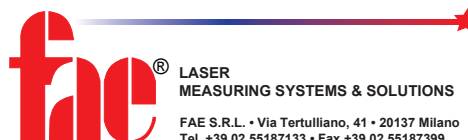


2 hexagon socket screws M4/35 mm are supplied with each item



Mass: 60 g

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