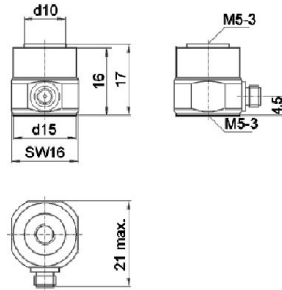


Piezoelectric Force Transducer

KF24

Properties

- For dynamic measurement of tensile and compression forces
- Charge output, no external power required
- High sensitivity
- Excellent resolution
- Economic price



Piezo design	Compression design	
Output	Charge	
Voltage sensitivity	200	mV/N
Charge sensitivity	300	pC/N
Sensitivity tolerance	20	%
Compression force	2000	N
Tensile force	300	N
Capacitance without cable	1000	pF
Rigidity	4	nm/N
Natural frequency	40	kHz
Operating temperature range	-10 - 80	°C
Weight without cable	20	g
Coupling mass	5	g
Case material	Stainless steel	
Connector direction	radial	
Connector	UNF10-32	
Mounting	2 x M5	

Connection Accessories

- 009-UNF-UNF-1,5: Low-noise cable; 1,5 m; UNF 10-32 to UNF 10-32; 120 °C; D2,1
- 009-UNF-BNC-1,5: Low-noise cable; 1,5 m; UNF 10-32 to BNC; 120 °C; D2,1
- 010-UNF-BNC-5: Low-noise cable; 5 m; UNF 10-32 to BNC; 120 °C; D2,1
- 010-UNF-BNC-10: Low-noise cable; 10 m; UNF 10-32 to BNC; 120 °C; D2,1
- 016: Coupler UNF 10-32 (female) to UNF 10-32 (female)
- 017: Plug adapter UNF10-32 (female) to BNC (male)
- 117: Plug adapter UNF10-32 (female) to BNC (female)
- 025: Plug adapter UNF10-32 (female) to TNC (male)

Mounting Accessories

- 003: Mounting stud; M5 x 8
- 045: Thread adapter; M5 x 4 male to UNF 10-32 x 4 male
- 046: Thread adapter; M5 x 4 male to 1/4-28 x 4 male

Delivery version with accessories kit KF24/01

- 009-UNF-UNF-1,5: Low-noise cable; 1,5 m; UNF 10-32 to UNF 10-32; 120 °C; D2,1
- 017: Plug adapter UNF10-32 (female) to BNC (male)
- 003: Mounting stud; M5 x 8

Notice: The standard delivery includes an individual data sheet.



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