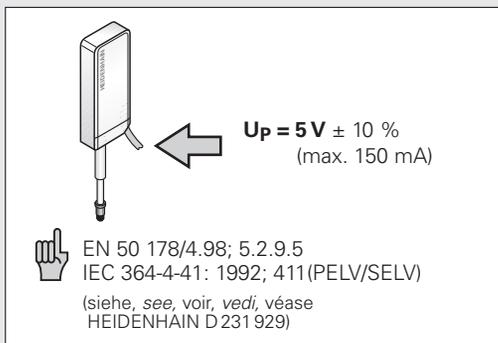


Montageanleitung  
Mounting Instructions  
Instructions de montage  
Istruzioni di montaggio  
Instrucciones de montaje

## MT 2571

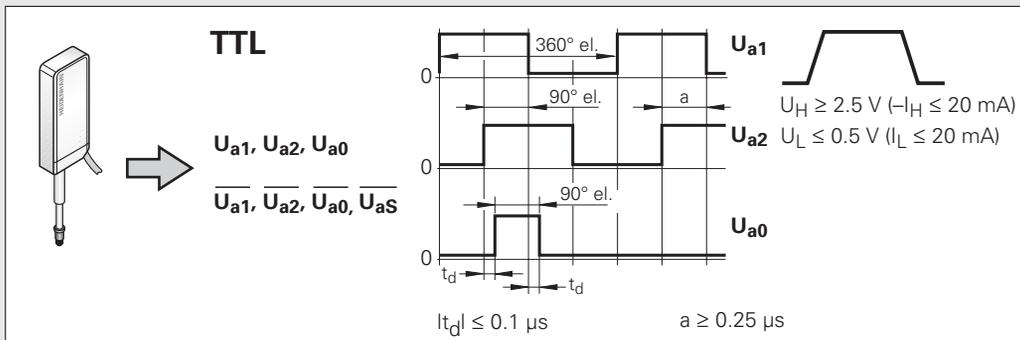
6/2002



$\overline{U_{aS}}$ : Störungssignal  
Fault detection signal  
Signal de perturbation  
Segnale di malfunzionamento  
Señal de avería

$\overline{U_{aS}}$  = High: ✓

$\overline{U_{aS}}$  = Low: ⚠



### DR. JOHANNES HEIDENHAIN GmbH

Dr.-Johannes-Heidenhain-Straße 5

83301 Traunreut, Germany

☎ +49 (8669) 31-0

FAX +49 (8669) 50 61

E-Mail: info@heidenhain.de

Technical support FAX +49 (8669) 32-1000

Measuring systems ☎ +49 (8669) 31-31 04

E-Mail: service.ms-support@heidenhain.de

TNC support ☎ +49 (8669) 31-31 01

E-Mail: service.nc-support@heidenhain.de

NC programming ☎ +49 (8669) 31-31 03

E-Mail: service.nc-pgm@heidenhain.de

PLC programming ☎ +49 (8669) 31-31 02

E-Mail: service.plc@heidenhain.de

Lathe controls ☎ +49 (8669) 31-31 05

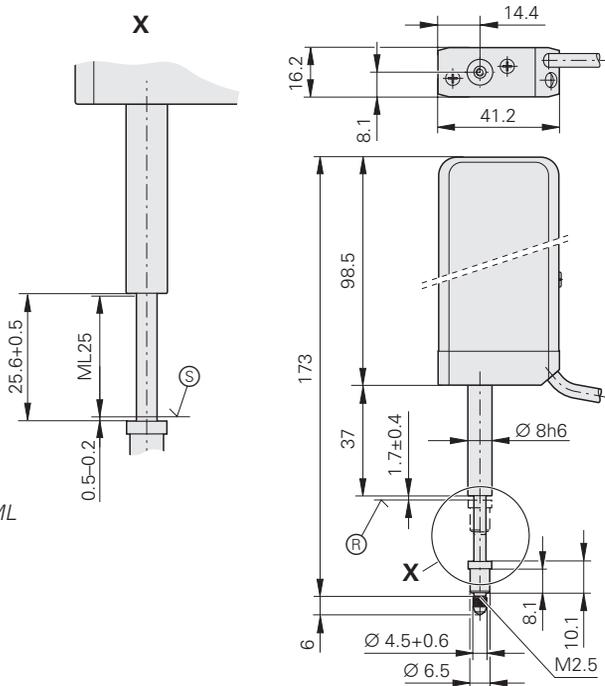
E-Mail: service.lathe-support@heidenhain.de

www.heidenhain.de



# MT 2571

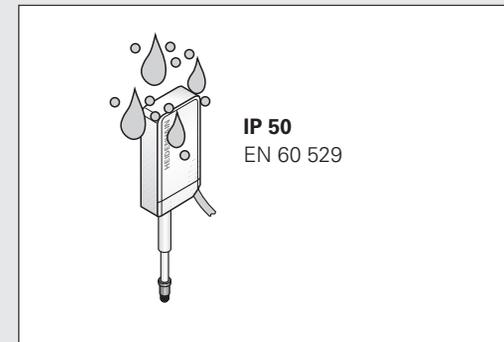
mm  
 Tolerancing ISO 8015  
 ISO 2768 - m H  
 < 6 mm: ±0.2 mm



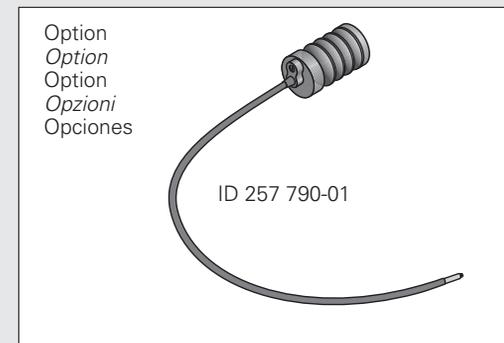
Ⓢ = Beginn der Messlänge ML  
 Begin. of meas. length ML  
 Début longueur utile ML  
 Inizio lunghezza di misura ML  
 Comienzo longitud útil ML

Ⓡ = Referenzmarken-Lage  
 Reference mark position  
 Marque de référence  
 Indici di riferimento  
 Marca de referencia

Ø 4.5 mm	R <sub>1</sub> ≥ 10 mm	R <sub>2</sub> ≥ 50 mm
Ø 8 mm	R <sub>1</sub> ≥ 40 mm	R <sub>2</sub> ≥ 100 mm



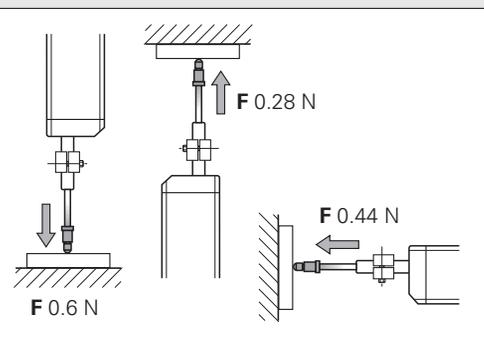
	°C (°F)	10 ... 40 °C (50 ... 104 °F)
		-20 ... 70 °C (-4 ... 158 °F)



$F \leq 0.8 \text{ N}$

Abtastfrequenz Scanning frequency Fréquence de balayage Frequenza di scansione Frecuencia de captacion	v max. [m/min]	
kHz	TTL x 5	TTL x 10
25	-	3
50	6	6
100	12	12
200	24	-

TTLx5	90
100 kHz	OT



Zu starke Kraft klemmt Meßbolzen  
 Excessive force jams the plunger  
 Force trop élevée serre la tige de mesure  
 Una forza eccessiva blocca lo stelo di misura  
 Una fuerza excesiva bloquea el vástago de medición

Messeinsatz wechseln  
 Changing the measuring contact  
 Changer de touche de mesure  
 Cambiare dispositivo di misura  
 Cambiar punta de medida

Ausfahrgeschwindigkeit einstellbar  
 Extension speed of plunger is adjustable  
 Vitesse de sortie réglable  
 Velocità di uscita regolabile  
 Velocidad de salida ajustable