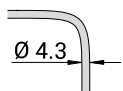
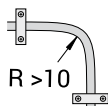


SHIELDING, PIN ASSIGNMENTS

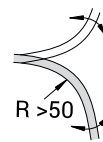


Shielded PUR-cable

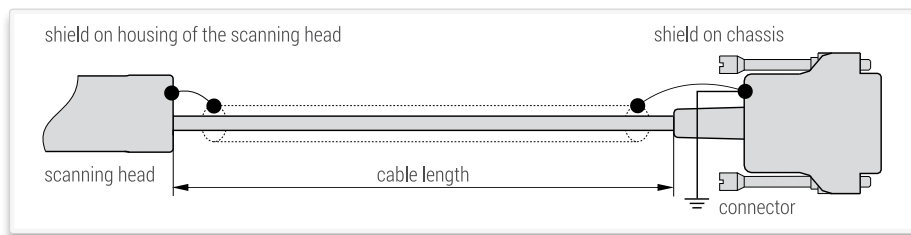
- Torsion > 300.000 cycles
- Drag chain > 5.000.000 cycles
- Cables for use in vacuum applications are available on request.



Bending radius fixed mounting



Bending radius continuous flexing

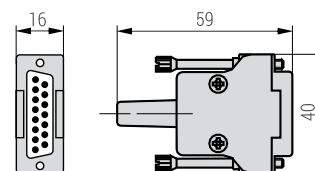
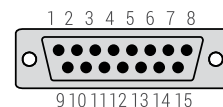


15-pin D-sub

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sinusoidal voltage signals 1 Vpp	Test*	0 V sensor	occupied	RI	A2	A1	+5 V sensor	+5 V	0 V	occupied	occupied	RI	A2	A1	nc
Square-wave signals via line driver	Test**	0 V sensor	US	RI	T2	T1	+5 V sensor	+5 V	0 V	occupied	occupied	RI	T2	T1	nc

- * Test = analog signal switch-over for setup. By applying +5 V to the test pin, the NOT stabilized test signals (1 Vpp) are switched to the output connector.
- ** Test = analog signal switch-over for setup. By applying +5 V to the test pin, the test signals (sinusoidal micro-current signals 11 µApp) are switched to the output connector.
- Sensor: the sensor-pins are bridged in the chassis with the particular power supply.
- The shield is additionally connected with the chassis.
- Not connected pins or wires (nc) must not be used.

Pin assignment (view on pins)



Signal amplitude vs. scanning head gap

