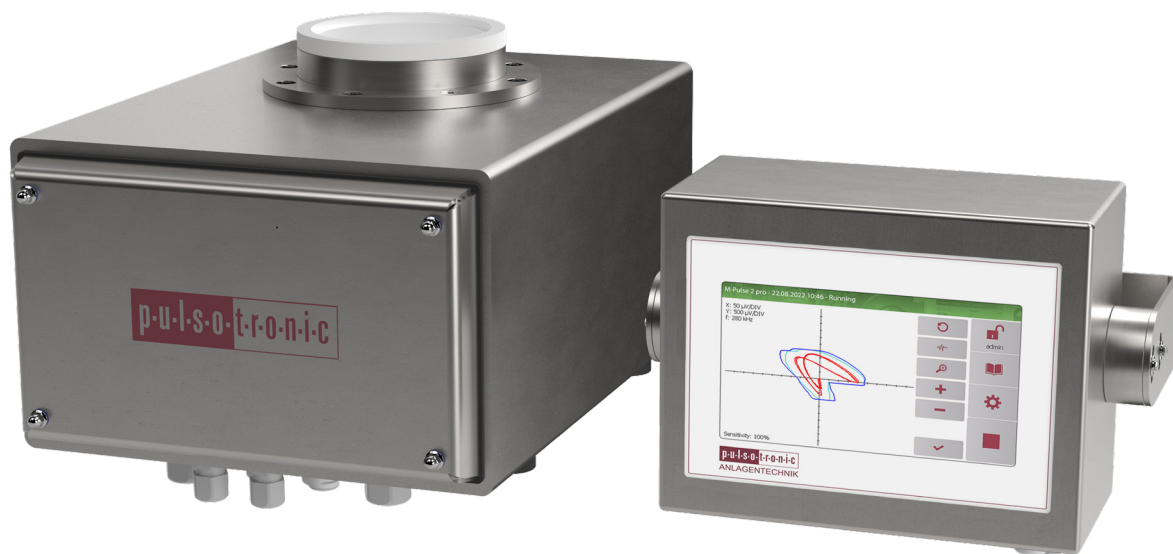


Ring detector

designed for installation
in flow wrapping machines

Type: KRS – M-Pulse2pro



SPECIAL FEATURES

- ✓ compact design
- ✓ sensitivity for ferrous and non-ferrous metals from 0.6 mm
- ✓ calibration free
- ✓ different sizes / shapes available
- ✓ protection class IP65
- ✓ remote high-performance electronics with product effect suppression
- ✓ Ethernet connection
- ✓ designed for installation in flow wrapping machines or multihead weighers

Type: KRS

APPLICATION

Due to the low installation height, these all-metal detectors are especially are particularly suitable for installation between the

flow wrapping machine and its dosing device.

A direct integration into pipe systems is possible, the ends of the

sensor serve at the same time as a flange. The product tube can be removed without tools and is made of FDA-approved plastic.

FUNCTION

If metal passes through the sensor, the signal is detected and processed by the evaluation electronics. The electronics are able to detect the smallest metal parts and reliably suppress interfering

signals. If metal is detected, this can be signaled by an acoustic or optical encoder. The control unit is supplied separately and is connected to the probe with a cable up to 5 m long. The control unit

can be mounted in an ergonomically favorable position so that the device can be easily operated even in unfavorable space conditions.

TECHNICAL DATA

Mechanical data									
Device type	KRS 100		KRS 150		KRS 200		KRS 250		
Height (L)	245 mm		265 mm		370 mm		420 mm		
Sensor aperture (D)	100 mm		150 mm		200 mm		250 mm		
Diameter (E)	127 mm		177 mm		227 mm		302 mm		
Diameter (F)	110 mm		160 mm		210 mm		260 mm		
Dimensions (A x B)	388 x 286 mm		460 x 358 mm		570 x 468 mm		703 x 600 mm		
(C)	220 mm		300 mm		410 mm		535 mm		
(G)	29 mm		30 mm		30 mm		30 mm		
(H)	36 mm		35 mm		30 mm		35 mm		
metall-free zone (M) for static components for moving components	80 mm 120 mm		120 mm 180 mm		160 mm 240 mm		200 mm 300 mm		
connection	flange / pipe / upper / on inquiry								
Conditions of use									
Storage temperature	-10 – 60°C								
Operating temperature	0 – 60°C								
Protection class	IP65								
Control unit	Supply via control unit; attached with 5 m cable								
Sensitivity ¹									
Material – test pieces	FE	SS	FE	SS	FE	SS	FE	SS	
M-Pulse2pro	0,6	0,9	0,8	1,2	1,0	1,8	1,2	2,0	

Order Code (example): Electronic: M-Pulse2pro Sensor: KRS 100 – 150 (e.g.: M-Pulse2pro KRS 100)

¹) The actual sensitivity depends on various factors. Unfavourable environmental conditions or vibrations can reduce the sensitivity. Conductive test material can also influence the sensitivity. For obliging information please contact our service or sales department. our service includes product tests in our headquarters.

Type: KRS

TECHNICAL DATA

