



213791
IRSD-25P-G3-B4
Inductive ring sensor

Technical data (typ.)	+20°C, 24 V DC
Detection range, measuring range, tolerance limits	
Resolution steel ball (high functional reliability)	1.8 mm (dynamic), 4 mm (static)
Resolution steel ball (smallest object size)	1.2 mm (dynamic), 3 mm (static)
Display, operation	
Sensitivity adjustment	IO-Link, Potentiometer
Time behavior	
Speed of parts (max.)	35 m/s
Speed of parts (min.)	0.1 m/s (dynamic)
Readiness delay (max.)	300 ms
Ambient conditions	
Shock/vibration load	30 g, 11 ms / 10 ... 55 Hz, 1.0 mm
Ambient temperature during operation	-25 ... +70 °C
Permissible relative humidity	< 95% (+25°C) / < 90% (+40°C), non-condensing (increased humidity affects the sensor nominal resolution)
Protection type	IP 67
Electrical connection	
Connection	Connector, M12, 4-pin, A-coded
Accessories	
Connection cable	VK ...
More information / accessories	https://www.di-soric.com/213791