

IO-Link specification		
IO-Link Spec V 1.1	compliant (yellow LED)	
Speed	COM 2	38,4 kBaud
Process data Device→Master	8 bit	
cycle time	10 ms	

Electromagnetic compatibility (EMC)	
Sensor operation	
Electromagnetic field test	IEC 61000-4-3
Electrostatic discharge test	IEC 61000-4-2
Electrical fast transient immunity test	IEC 61000-4-4
Radiated disturbance field strength	EN 55011
IO-Link operation	
	acc. to EN 60947-5-7, EN 61131-9

Mechanical Data	
Front cap	LCP, black
Enclosure	stainless steel (Niro 1.4305)
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67 / NEMA Type 1
Function indication	LED, yellow
Degree of pollution	3 (Pollution of the sensing surface may decrease operating distance)
Termination type	Cable 3 x 0,14 mm ² x 2 m ±5 %, PUR - Outer jacket, black
For attachment	2 x hexagon nut (tightening torque ≤ 8 Nm) and 2 x toothed washer

Product reliability (in acc. with DIN EN 61709 (SN 29500))	
MTTF (at 40 °C)	>1150 years

EU Conformity	
acc. to directive 2014/30/EU (EMC-Directive)	

Approvals	
	

Notes	
To be used with a class 2 power supply according to UL approval.	
Further data and information can be found at www.bernstein.eu .	