Inductive sensors special versions

IFRW 12P1501/S14L

dimension drawing		
SW 17	M12 x 1	
general data		ph
mounting type	flush	pi
special type	welding and magnetic noise	
nominal sensing distance Sn	2 mm	
hysteresis	3 20 % of Sr	
output indicator	3 port LED red	
electrical data		
switching frequency	< 1 kHz	
voltage supply range +Vs	10 30 VDC	
current consumption max. (no load)	10 mA	
output circuit	PNP make function (NO)	
voltage drop Vd	< 1 VDC	
output current	< 250 mA	
short circuit protection	yes	co
reverse polarity protection	yes	
mechanical data		
type	cylindrical threaded	
material (sensing face)	PTFE coated	
housing material	brass chromium plated	
dimension	12 mm	
housing length	50 mm	
connection types	connector M12	C
ambient conditions		
operating temperature	-25 +75 °C	• ir
protection class	IP 67	



onnection diagram



• immune to welding and magnetic noise of up to 90 mT