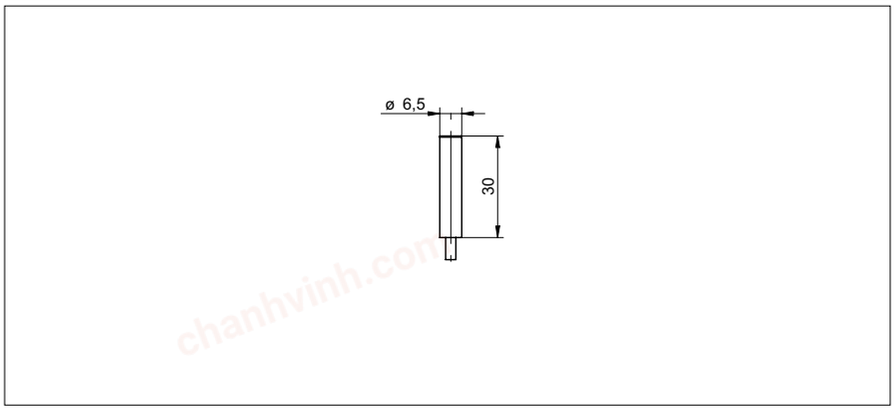
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Inductive sensors special versions

IFRM 06

sample drawing



sample picture



general data	
mounting type	flush
special type	high temperature
nominal sensing distance Sn	2 mm
temperature drift	± 10 % (-25 ... +75 °C) - 10 % / + 15 % (-25 ... +100 °C)
hysteresis	3 ... 20 % of Sr

electrical data	
switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
voltage drop Vd	< 2 VDC
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data	
type	cylindrical smooth
material (sensing face)	PBT
housing material	stainless steel
dimension	6,5 mm
housing length	30 mm
connection types	cable FEP, 1 m

ambient conditions	
operating temperature	-25 ... +100 °C
protection class	IP 67

order reference	output circuit
IFRM 06N1707	NPN make function (NO)
IFRM 06P1707	PNP make function (NO)