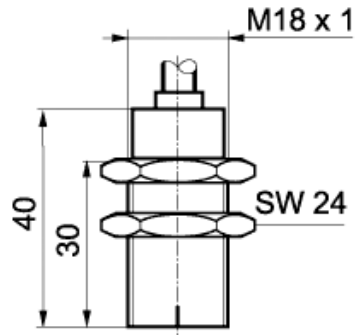


Magnetic encoders

MDRM 18I9524

dimension drawing



general data

angular range	linear $\pm 60^\circ$
linearity error	$\pm 2,5 \%$
zero point setting	coarse: by keyway; fine: seq. electronic
temperature coefficient	-0,07 % K

electrical data

switching frequency	< 20 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	50 mA
output signal	4 ... 20 mA
signal type	linear
load resistance	500 Ohm/15 VDC, 1000 Ohm/25 VDC

mechanical data

connection types	cable, 2 m
type	cylindrical
housing material	brass nickel plated
dimension	18 mm
material (rotor)	aluminum anodized
installation tolerance horizontal	$\pm 0,5$ mm
installation tolerance longitudinal	$\pm 0,5$ mm

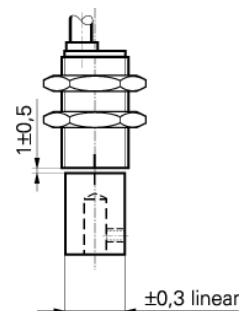
ambient conditions

operating temperature	-25 ... +85 °C
protection class	IP 67

photo



mounting tolerances



rotor

