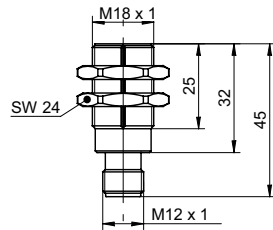


**Magnetic angle sensors**

**MDRM 18U9504/S14A360**

**dimension drawing**



**general data**

angular range	360° linear
resolution	1,41 °
system accuracy	± 0,6 %
temperature drift	± 0,1 % (Full Scale)
working distance max.	4 mm, with magnet rotor MSFS
axial misalignment max.	0,5 mm

**electrical data**

response time	< 2 ms
voltage supply range +Vs	4,75 ... 5,25 VDC
current consumption max. (no load)	20 mA
output signal	0 ... 5 VDC
load resistance	> 1000 Ohm
output circuit	voltage output
short circuit protection	no
reverse polarity protection	no

**mechanical data**

connection types	connector M12
type	cylindrical threaded
housing material	brass nickel plated
dimension	18 mm
material (sensing face)	PBTP

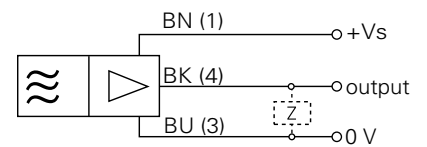
**ambient conditions**

operating temperature	-40 ... +85 °C
protection class	IP 67

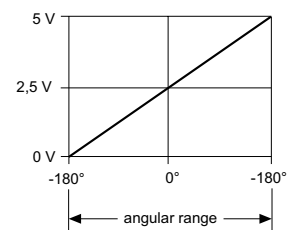
**photo**



**connection diagram**



**output signal**



**Magnetic angle sensors**

**MDRM 18U9504/S14A360**



- Rotor is available as an accessory