

Магнитни сензори за тежки работни условия

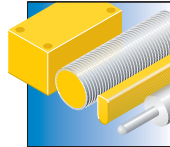


The rugged magnetic field sensors are particularly suited for harsh environments. With the extended range of accessories the sensors can be mounted on nearly all standard pneumatic cylinders. All standard connection types are available.

Features

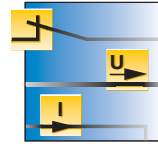
- Rugged design
- Many different mounting options
- Optional weld field immunity
- Excellent EMC properties

Properties



Design

standard design suited for harsh environments.



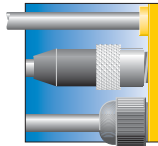
Electrical versions

NAMUR, 2/3-wire DC



Measuring ranges

Reliable position detection on all standard pneumatic cylinders



Electrical connections

All standard connection types available, cable, connector



Materials

Rugged PA12-GF30 resp. GD-ZN housing for a wide range of applications

NST – NAMUR



General data

Dimensions	17 x 14 x 28 mm	Ambient temperature	-25...+70 °C
Output	NAMUR	Protection class	IP67
Operating voltage	nom. 8.2 VDC	Material housing	PA
Switching frequency	1 kHz	Material active face	PA

Types and data – selection table

Type	Electrical connection	Material cable	w	d
BIM-NST-Y1X-H1141	connector, M12 x 1	-	w021	d378
BIM-NST-Y1X	cable	PVC 2 m	w019	d379

NST – 3-wire DC



General data

Dimensions	17 x 14 x 28 mm	Protection class	IP67
Operating voltage	10...30 VDC	Material housing	PA
Ambient temperature	-25...+70 °C	Material active face	PA

Types and data – selection table

Type	Output	Electrical connection	Switching frequency	Material cable	w	d
BIM-NST-AP6X-V1131	PNP	connector, M8 x 1	1 kHz	-	w001	d380
BIM-NST-AP6X-H1141/S34	PNP	connector, M12 x 1	0.02 kHz	-	w001	d381
BIM-NST-AP6X-H1141	PNP	connector, M12 x 1	1 kHz	-	w001	d378
BIM-NST-AP6X	PNP	cable	1 kHz	PVC 2 m	w059	d379
BIM-NST-AN6X-V1131	NPN	connector, M8 x 1	1 kHz	-	w002	d380
BIM-NST-AN6X-H1141/S34	NPN	connector, M12 x 1	0.02 kHz	-	w002	d381
BIM-NST-AN6X-H1141	NPN	connector, M12 x 1	1 kHz	-	w002	d378
BIM-NST-AN6X	NPN	cable	1 kHz	PVC 2 m	w005	d379

IKT – NAMUR



General data

Output NAMUR
Operating voltage nom. 8.2 VDC
Switching frequency 1 kHz
Ambient temperature -25...+70 °C

Protection class IP67
Material housing GD-Zn
Material active face PA

Types and data – selection table

Type	Dimensions	Electrical connection	Material cable	w	d
BIM-IKT-Y1X-H1141	14.6 x 28 x 30 mm	connector, M12 x 1	-	w021	d382
BIM-IKT-Y1X	14.6 x 17 x 30 mm	cable	PVC 2 m	w019	d383

IKT – 3-wire DC



General data

Operating voltage 10...30 VDC
Switching frequency 1 kHz
Ambient temperature -25...+70 °C

Protection class IP67
Material housing GD-Zn
Material active face PA

Types and data – selection table

Type	Dimensions	Output	Electrical connection	Material cable	w	d
BIM-IKT-AP6X-V1131	14.6 x 17 x 30 mm	—, PNP	connector, M8 x 1	-	w001	d384
BIM-IKT-AP6X-H1141	14.6 x 28 x 30 mm	—, PNP	connector, M12 x 1	-	w001	d382
BIM-IKT-AP6X	14.6 x 17 x 30 mm	—, PNP	cable	PVC 2 m	w059	d383
BIM-IKT-AN6X-V1131	14.6 x 17 x 30 mm	—, NPN	connector, M8 x 1	-	w002	d384
BIM-IKT-AN6X-H1141	14.6 x 28 x 30 mm	—, NPN	connector, M12 x 1	-	w002	d382
BIM-IKT-AN6X	14.6 x 17 x 30 mm	—, NPN	cable	PVC 2 m	w005	d383

