

## uprox®+ compact rectangular design

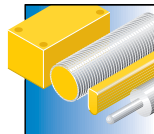


The uprox®+ rectangular types can be mounted in many ways and in many applications. All non-flush rectangular uprox®+ sensors are 4-side embeddable with reduced switching distance. Thus additional mechanical components and accessories are not required. As a result, installation is cost-effective, quicker and easier.

### Features

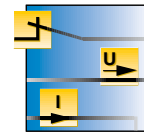
- Partially embeddable non-flush rectangular sensors
- Highest switching distance
- Factor 1 for all metals
- Excellent EMC properties and magnetic field resistance

### Properties



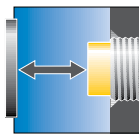
#### Designs

From the small space-saving Q8SE to the standardized Q12 version



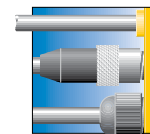
#### Electrical version

3/4-wire NO/NC contact as well as antivalent output, PNP and NPN



#### Switching distances

High switching distances between 4 and 12 mm on all metals



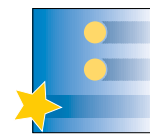
#### Electrical connections

Connection cable 2m, males M12 x 1, M8 x 1 or Ø 8 mm as well as M8 pigtail



#### Materials

Rugged and chemical resistant plastic and metal housings



#### Special features

High protection class IP68  
Side-by-side, space-saving installation



#### Internet link

Scan the QR code to access our products on the internet

## Q8SE



### General data

<b>Operating voltage</b>	10...30 VDC	<b>Switching distance</b>	4 mm,
<b>Housing material</b>	PP	<b>Operating current [mA]</b>	150,
<b>Ambient temperature</b>	-30...+85 °C	<b>Dimensions</b>	8 x 8 x 40 mm

Lateral active face

### Types and data – selection table

Type	Connection	Output		
NI4U-Q8SE-AP6X	2 m cable	, PNP	w001	d001
NI4U-Q8SE-AP6X-V1131	male, M8 x 1	, PNP	w002	d002
NI4U-Q8SE-RP6X-V1131	male, M8 x 1	, PNP	w003	d002

Many different types available, also as NPN version, see type code

## Q08



### General data

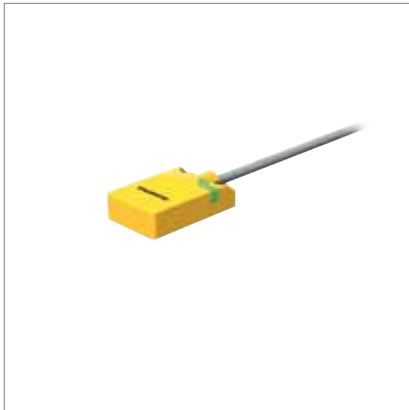
<b>Operating voltage</b>	10...30 VDC	<b>Output</b>	, PNP
<b>Switching distance</b>	8 mm,	<b>Housing material</b>	GD-Zn
<b>Operating current [mA]</b>	200,	<b>Ambient temperature</b>	-25...+70 °C
<b>Dimensions</b>	20 x 8 x 32 mm		

### Types and data – selection table

Type	Connection		
BI8U-Q08-AP6X2	2 m cable	w001	d003
BI8U-Q08-AP6X2-V1131	male, Ø 8 mm	w002	d004

Many different types available, also as NPN version, see type code

## QP08



### General data

<b>Operating voltage</b>	10...30 VDC	<b>Output</b>	—, PNP
<b>Switching distance</b>	10 mm,	<b>Housing material</b>	PP
<b>Operating current [mA]</b>	200,	<b>Ambient temperature</b>	-25...+70 °C
<b>Dimensions</b>	20 x 8 x 32 mm		

### Types and data – selection table

Type	Connection	w	d
NI10U-QP08-AP6X2	2 m cable	w001	d005
NI10U-QP08-AP6X2-0,3-PSG3M	0.3 m Cable with connector, M8 x 1	w002	d006

Many different types available, also as NPN version, see type code

## Q10S



### General data

<b>Operating voltage</b>	10...30 VDC	<b>Output</b>	—, PNP
<b>Switching distance</b>	5 mm,	<b>Housing material</b>	PP
<b>Operating current [mA]</b>	150,	<b>Ambient temperature</b>	-30...+85 °C
<b>Dimensions</b>	16 x 10.2 x 27.8 mm		

### Types and data – selection table

Type	Connection	w	d
NI5U-Q10S-AP6X	2 m cable	w001	d007
NI5U-Q10S-AP6X-0,3-PSG3M	0.3 m Cable with connector, M8 x 1	w002	d008

Many different types available, also as NPN version, see type code

## Q12



### General data

<b>Operating voltage</b>	10...30 VDC
<b>Switching distance</b>	5 mm,
<b>Operating current [mA]</b>	200,
<b>Dimensions</b>	26 x 12 x 40 mm

<b>Output</b>	PNP
<b>Housing material</b>	PA
<b>Ambient temperature</b>	-25...+70 °C

### Types and data – selection table

Type	Connection		
BI5U-Q12-AP6X2	2 m cable	w001	d009
BI5U-Q12-AP6X2-V1131	male, M8 x 1	w002	d010
BI5U-Q12-AP6X2-V1131/F2	male, M8 x 1	w002	d010
BI5U-Q12-AP6X2-H1141	male, M12 x 1	w002	d011

Many different types available, also as NPN version, see type code