



PROXIMITY SWITCHES AND SENSORS

INDUCTIVE PROXIMITY SWITCHES

CAPACITIVE PROXIMITY SWITCHES

INDUCTIVE PROXIMITY SENSOR WITH ANALOG OUTPUT

**ELECTROTECHNICAL
COMPONENTS**

SOLUTIONS THAT MATTER.

 **Iskra**[®]

PROXIMITY SWITCHES

INDUCTIVE PROXIMITY SWITCHES

HOUSING $\phi 4$ TO M8

DC



DETECT AN METAL OBJECT WITHOUT TOUCHING IT – DO NOT CAUSE DAMAGE TO THE OBJECT **NONCONTACT MEASUREMENT OF POSITION**, DISPLACEMENT AND DISTANCE SUITABLE FOR **DETECTING METALS**

SUPPLY VOLTAGE 10-30 VDC OR 20-240 VAC

DC: PNP OR NPN OUTPUT WITH NO, NC OR NO+NC (OC ON REQUEST)

AC: NO OR NC OUTPUT

SHIELDED AND UNSHIELDED VERSION IN METAL OR PVC HOUSING

HOUSING LENGHT: 22 mm TO 80 mm / TREATH FROM 22 mm TO 60 mm

SWITCHING DISTANCE $S_n = 0.8$ mm TO 4.0 mm

CONNECTION: PVC CABLE 2 m OR M8 OR M12 MALE CONNECTOR, IP 67
CUSTOMER **SPECIFIC SENSORS** – OEM PRODUCTION

HOUSING $\phi 12$ TO M12

AC

DC



DETECT AN METAL OBJECT WITHOUT TOUCHING IT – DO NOT CAUSE DAMAGE TO THE OBJECT

NONCONTACT MEASUREMENT OF POSITION, DISPLACEMENT AND DISTANCE SUITABLE FOR **DETECTING METALS**

SUPPLY VOLTAGE 10-30 VDC OR 20-240 VAC

DC: PNP OR NPN OUTPUT WITH NO, NC OR NO+NC (OC ON REQUEST)

AC: NO OR NC OUTPUT

SHIELDED AND UNSHIELDED VERSION IN METAL OR PVC HOUSING

HOUSING LENGHT: 35 mm TO 70 mm / TREATH FROM 35 mm TO 60 mm

SWITCHING DISTANCE $S_n = 2.0$ mm TO 6.0 mm

CONNECTION: PVC CABLE 2 m OR M12 MALE CONNECTOR, IP 67
CUSTOMER **SPECIFIC SENSORS** – OEM PRODUCTION

HOUSING $\phi 20$ TO M18

AC

DC



DETECT AN METAL OBJECT WITHOUT TOUCHING IT – DO NOT CAUSE DAMAGE TO THE OBJECT

NONCONTACT MEASUREMENT OF POSITION, DISPLACEMENT AND DISTANCE SUITABLE FOR **DETECTING METALS**

SUPPLY VOLTAGE 10-30 VDC OR 20-240 VAC

DC: PNP OR NPN OUTPUT WITH NO, NC OR NO+NC (OC ON REQUEST)

AC: NO OR NC OUTPUT

SHIELDED AND UNSHIELDED VERSION IN METAL OR PVC HOUSING

HOUSING LENGHT: 35 mm TO 72 mm / TREATH FROM 35 mm TO 60 mm

SWITCHING DISTANCE $S_n = 5.0$ mm TO 14.0 mm

CONNECTION: PVC CABLE 2 m OR M12 MALE CONNECTOR, IP 67
CUSTOMER **SPECIFIC SENSORS** – OEM PRODUCTION

PROXIMITY SWITCHES

INDUCTIVE PROXIMITY SWITCHES

HOUSING $\phi 30$, $\phi 40$, $\phi 80$ AND M30, M45, M47

DETECT AN METAL OBJECT WITHOUT TOUCHING IT – DO NOT CAUSE DAMAGE TO THE OBJECT

NONCONTACT MEASUREMENT OF POSITION, DISPLACEMENT AND DISTANCE

SUITABLE FOR **DETECTING METALS**

SUPPLY VOLTAGE 10-30 VDC OR 20-240 VAC

DC: PNP OR NPN OUTPUT WITH NO, NC OR NO+NC (OC ON REQUEST)

AC: NO OR NC OUTPUT

SHIELDED AND UNSHIELDED VERSION IN METAL OR PVC HOUSING

HOUSING LENGHT: 35 mm TO 80 mm / TREATH FROM 35 mm TO 50 mm

SWITCHING DISTANCE $S_n = 10.0$ mm TO 50.0 mm

CONNECTION: PVC CABLE 2 m OR M12 MALE CONNECTOR, IP 67

CUSTOMER **SPECIFIC SENSORS** – OEM PRODUCTION

AC DC



INDUCTIVE PROXIMITY SENSOR WITH ANALOG OUTPUT

HOUSING M12, M18, M30

DETECT AN METAL OBJECT WITHOUT TOUCHING IT – DO NOT CAUSE DAMAGE TO THE OBJECT

NONCONTACT MEASUREMENT OF POSITION, DISPLACEMENT AND DISTANCE

SUITABLE FOR **DETECTING METALS**

SUPPLY VOLTAGE 15-30 VDC

FALLING OR RISING CHARACTERISTIC

VOLTAGE OR CURRENT OUTPUT

SHIELDED AND UNSHIELDED VERSION IN METAL OR PVC HOUSING

HOUSING LENGHT: 61 mm TO 75 mm / TREATH FROM 35 mm TO 50 mm

LINEAR AREA FROM 1.0 mm TO UP TO 7.0 mm

CONNECTION: PVC CABLE 2 m OR M12 MALE CONNECTOR, IP 67

CUSTOMER **SPECIFIC SENSORS** – OEM PRODUCTION

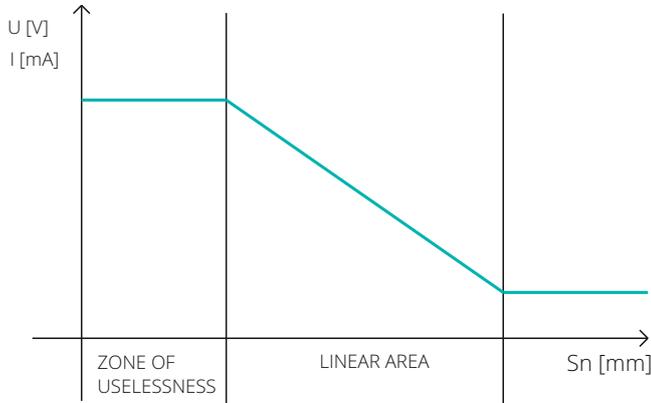
DC



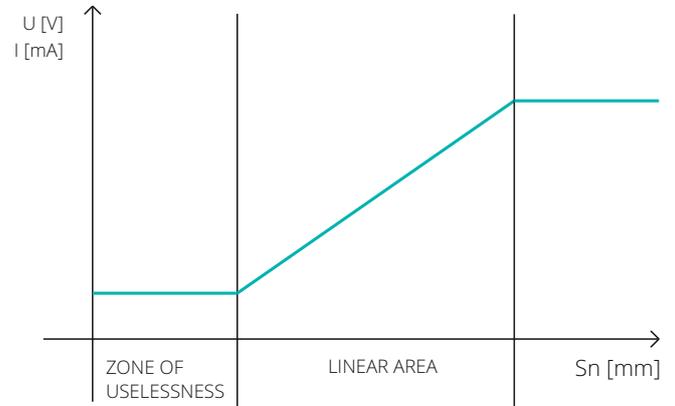
PROXIMITY SWITCHES

CAPACITIVE PROXIMITY SWITCHES

FALLING CHARACTERISTIC



RISING CHARACTERISTICS



HOUSING $\phi 20$, $\phi 30$, $\phi 40$, $\phi 80$ AND M12, M18, M30

AC DC



DETECT AN METAL OBJECT WITHOUT TOUCHING IT – DO NOT CAUSE DAMAGE TO THE OBJECT

NONCONTACT MEASUREMENT OF POSITION, DISPLACEMENT AND DISTANCE
SUITABLE FOR **DETECTING METALS AND NOM-METALS** - SOLID, GRAINS, LIQUIDS

SUPPLY VOLTAGE 10-30 VDC OR 20-240 VAC

DC: PNP OR NPN OUTPUT WITH NO, NC OR NO+NC (OC ON REQUEST)

AC: NO OR NC OUTPUT

SHIELDED AND UNSHIELDED VERSION IN METAL OR PVC HOUSING

HOUSING LENGHT: 60 mm TO 80 mm / TREATH FROM 35 mm TO 50 mm

SWITCHING DISTANCE $S_n = 3.0$ mm TO 50.0 mm

CONNECTION: PVC CABLE 2 m OR M12 MALE CONNECTOR, IP 67

CUSTOMER **SPECIFIC SENSORS** – OEM PRODUCTION