M12 CAPACITIVE SENSOR

4 mm sensing range | Metal and non-metal detection

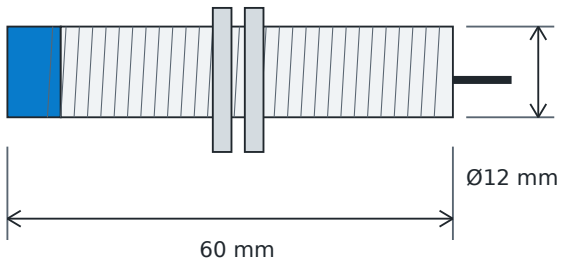


4 mm / PNP NO / 10-35 VDC

01 TECHNICAL DATA

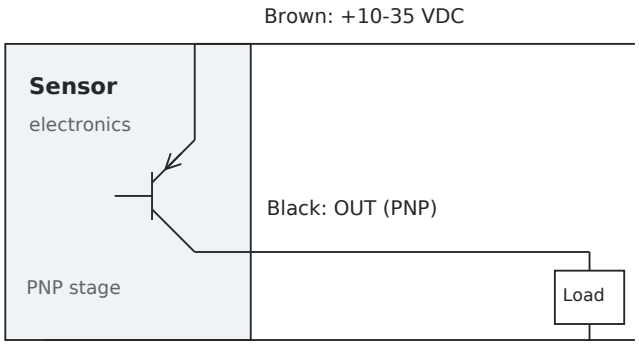
Sensing principle	Capacitive
Target types	Metal / non-metal
Sensing range	4 mm
Supply voltage	10-35 VDC
Output configuration	PNP sourcing
Switching function	Normally open (NO)
Body diameter	12 mm
Body length	60 mm
Housing form	Threaded cylindrical
Application	Grain level detection
Mounting hardware	Twin nuts / toothed washer

02 OUTLINE DIMENSIONS



Dimensions in mm. Cable excluded.

03 PNP NO CIRCUIT



04 OUTPUT OPERATION

Target condition	Output state	Load / PLC input
Target absent	OFF	Inactive
Target detected	ON	Active

INSTALLATION

Targets: rubber, wood, plastic and metal. Set the gap using the actual material.

Connect the load / PLC input between the black output and blue 0 V wire.