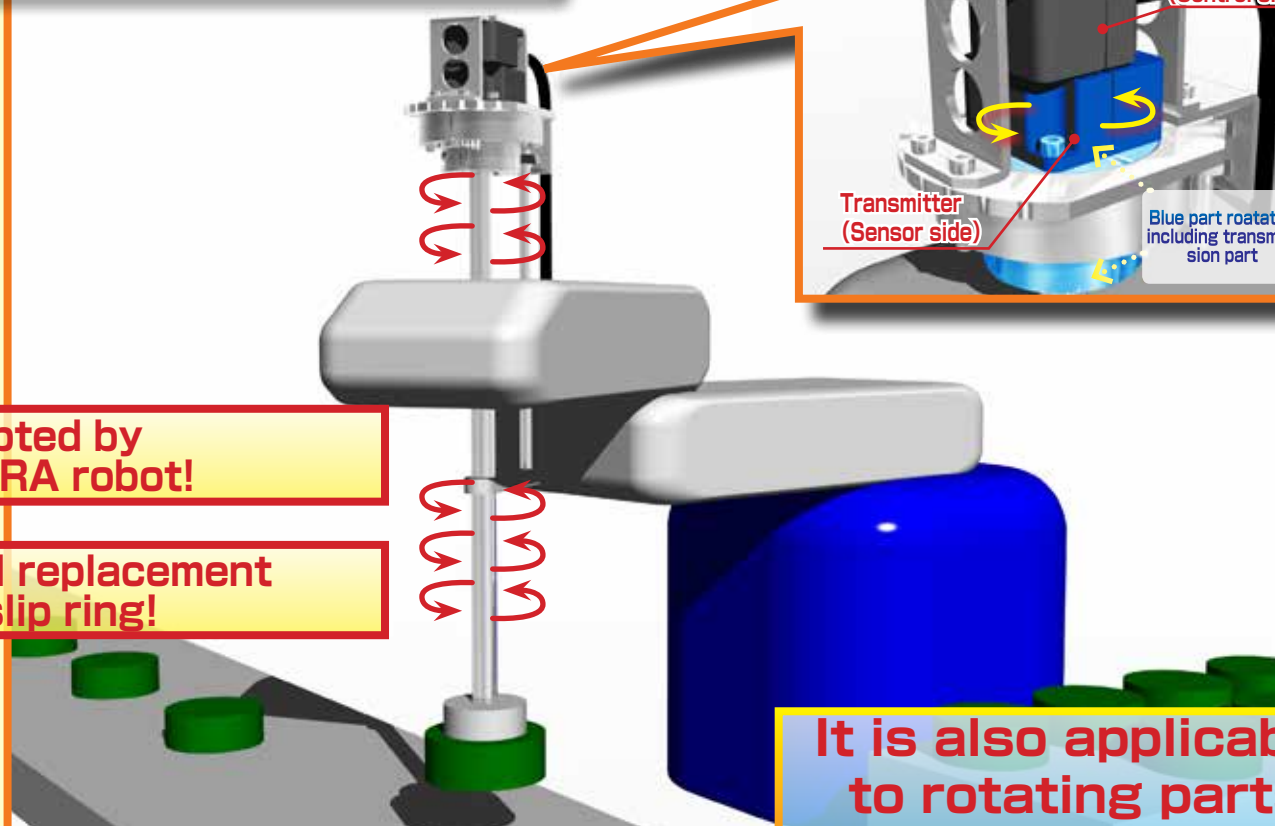


Very Strong and great advantage for utilizing in rotating parts, such as Robot!!!

*Resolve the problem,
no more disconnecting of
the handling part!!*



Adopted by
SCARA robot!

Ideal replacement
for slip ring!

It is also applicable
to rotating parts
such as turntable!

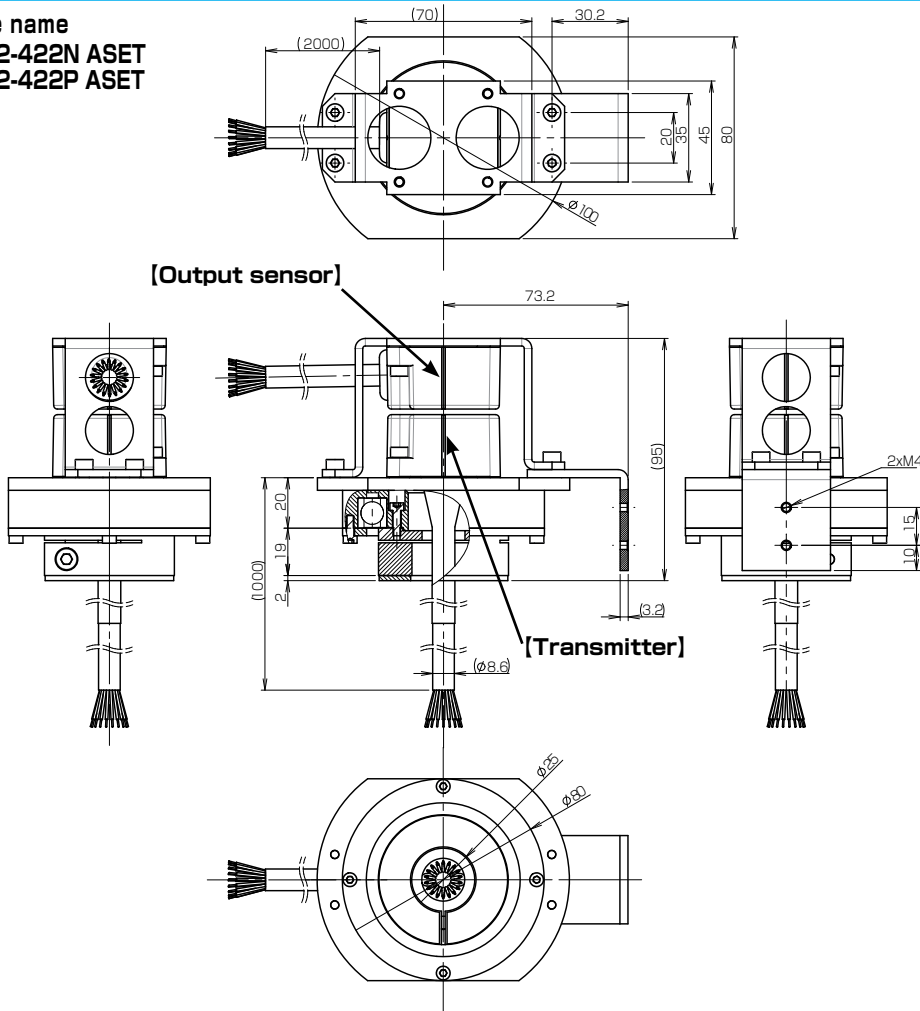


Type code : RS 12-422N ASET
RS 12-422P ASET

- Simultaneously supplies 12V/150mA and transmits 12 signals to sensor for work detection
- DC2W and DC3W sensors can be used together!
- Can be installed later on the existing equipment.

Dimension

Type name
RS12-422N ASET
RS12-422P ASET



Applicable sensor

DC3W sensor

Supply voltage	12V DC
Total current consumption	≤ 150 mA
Residual voltage	≤ 3.5V
Load current	-

DC2W sensor

Power-supply voltage	12V DC
Minimum load current	≤ 6mA
Residual voltage	≤ 3.5V
Leak current	≤ 1mA

Specification of Output sensor

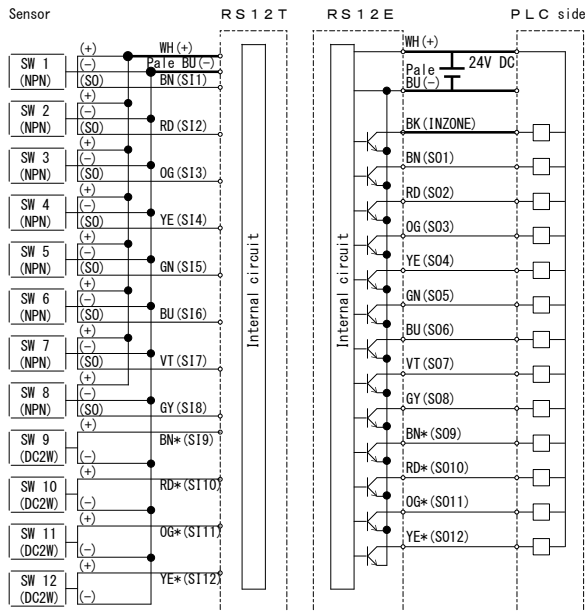
Supply voltage	24V DC ± 10% (including ripple)
Current consumption	≤ 600mA
LED indication	GN : STATUS LED OG : OUTPUT LED
Output type	NPN
Load current	≤ 50mA/1 output

Common specification

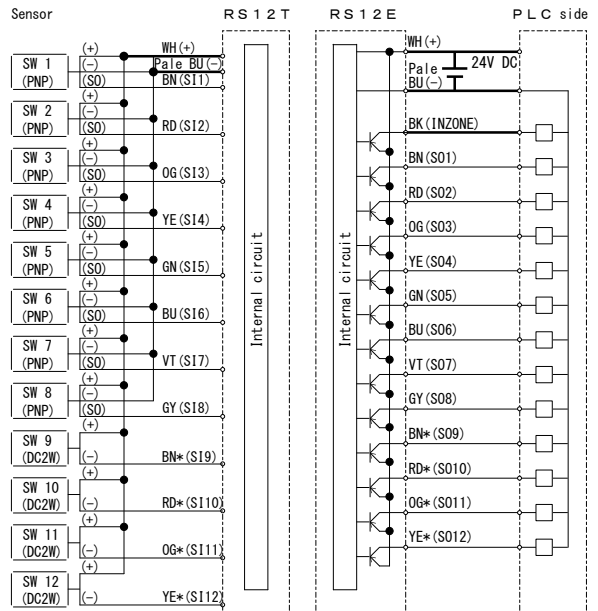
Operating temperature/humidity	0...+50°C /30...90%RH
Protection class	IP40
Connection	PUR φ 8.6 2x0.5mm+16x0.18mm
Material	output sensor/transmitter : ABS Output sensor stay : stainless Unit mounting stand : steel Others :Aluminum
Weight	Full unit : 1100g

Wiring diagram

■NPN



■PNP



- * Max. 12 sensors can be connected.
- * This is an example when DC2W sensor is connected to input signal lines S10 to S12.
- * DC2/3 wire sensor can be connected to any input from S1 to S12.
- * Unused core is GN*, BU* and VT* for the Output sensor, and GN*, BU*, VT* and BK* for the Transmitter.
- * Please fix the cable of the Transmitter within 100mm from the cable outlet part to avoid directly adding variation on it.

Wireless Power Supply by
B & PLUS K.K.

Mail : b-plus-usa@b-plus-kk.com
Web : <http://www.b-plus-kk.com>

- * Info may change the mention contents such as specifications without a notice.
- Thank you for understanding
- * Please refer to instruction manual or the user's guide. It can be download by HP.