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Data sheet

Wire type and power DC 3-wire type 12-24/DC == Sensing side diameter M8 Sensing distance 4mm Installation Non-flush Standard sensing target 12×12×1mm(ron) Response frequency 800Hz Current specification Current consumption: Max. 10mA Control output PNP Normally Closed Material Case/Mut. Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm. 5US303), washer. Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm. 5US303), vasher. Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm. 5US303), oli resistant cable (gray): oli resistant polyvinyl chloride (PVC). oli resistant cable (gray): oli resistant cable (gray): oli resistant polyvinyl chloride (PVC). Cable Standard/material Oli resistant cable Body length Standard type Environment, Ambient temperature -25 to 70°C, storage: -30 to 80°C Environment, Ambient humidity 3 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25glapprox. 45g) Qi Affection by temperature 5 ± 10 %		
Installation Non-flush Standard sensing target 12×12×1 mm(iron) Response frequency 800Hz Current specification Current consumption: Max. 10mA Control output PNIP Normally Closed Material Case//Nut. Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm: SUS303), washen Nikel plated ins, sensing side polybutylene terephthalate, standard cable (black): polyvinyl chloride (PVC), oil resistant cable (gray): oil resistant polyvinyl chloride (PVC) Cable Standard/material Oil resistant cable Protection structure (P67)(EC standard) Body length Standard type Environment_Ambient temperature 25 to 70°C, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) 4 ffection by temperature ≤ = 10 % for sensing distance at ambient temperature 20 °C	Wire type and power	DC 3-wire type 12-24VDC
Installation Non-flush Standard sensing target 12×12×1mm(iron) Response frequency 800Hz Current specification Current consumption: Max. 10mA Control output PNP Normally Closed Case/Nut: Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm: SU5303), washer: Nikel plated Iron, sensing side; polybutylene treephthalate, standard cable (lidacile, polyhinyl chloride (PVC). Cable Standard/material Oil resistant cable (gray): oil resistant polyvinyl chloride (PVC) Protection structure IP67UEC standard) Standard type Environment_Ambient temperature Environment_Ambient humidity 35 to 95% RH, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 25% of sensing distance Residual voltage Max. 20 Weight Approx. 25glapprox. 45g) ≤ ± 10% for sensing distance at ambient temperature 20°C	Sensing side diameter	M8
Standard sensing target 12×12×1mm(iron) Response frequency 800Hz Current specification Current consumption: Max. 10mA Control output PNP Normally Closed Case/Nut: Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm: SU5303), washer: Nikel plated Iron, sensing side: polybutylene terephthalate, standard cable (black): polyvinyl chloride (PVC) Cable Standard/material Oil resistant cable (gray): oil resistant polyvinyl chloride (PVC) Cable Standard/material Protection structure IP67(IEC standard) Body length Standard type Environment_Ambient temperature -25 to 70°C, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) \$\frac{\pmaterial}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}}{\pmaterial}} \lequip \frac{\pmaterial}{\pmaterial}} \lequip \frac{\pmaterial}{\	Sensing distance	4mm
Response frequency Current specification Current consumption: Max. 10mA Control output PNP Normally Closed Case/Nut. Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm· SUS303), washer: Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm· SUS303), washer: Nikel plated Bross, sensing side: polybutylene terephthalate, standard cable (black): polyvinyl chloride (PVC), oil resistant cable (gray): oil resistant polyvinyl chloride (PVC) Cable Standard/material Oil resistant cable Protection structure IP67(IEC standard) Body length Standard type Environment_Ambient temperature -25 to 70°C, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) ≤ ± 10 % for sensing distance at ambient temperature 20 °C	Installation	Non-flush
Current specification Current consumption: Max. 10mA Control output PNP Normally Closed Case/Nut: Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm: SUS303), washer: Nikel plated Iron, sensing side: polybutylene terephthalate, standard cable (black): polyvinyl chloride (PVC), oil resistant cable (gray): oil resistant polyvinyl chloride (PVC) Cable Standard/material Oil resistant cable Protection structure IP67(IEC standard) Body length Standard type Environment_Ambient temperature -25 to 70°C, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) ≤ ± 10 % for sensing distance at ambient temperature 20 °C	Standard sensing target	12×12×1mm(iron)
Control output PNP Normally Closed Case/Nut: Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm: SUS303), washer: Nikel plated Iron, sensing side: polybutylene terephthalate, standard cable (black): polyvinyl chloride (PVC) Cable Standard/material Oil resistant cable Protection structure IP67(IEC standard) Body length Standard type Environment_Ambient temperature Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Affection by temperature Standard type Standard type Standard type Affection by temperature Standard type	Response frequency	800Hz
Case/Nut: Nikel plated Brass, (connector case of DIA. of sensing side Ø 8 mm: SU5303), washer: Nikel plated Iron, sensing side: polybutylene terephthalate, standard cable (black): polyvinyl chloride (PVC) oil resistant cable (gray): oil resistant polyvinyl chloride (PVC) Cable Standard/material Oil resistant cable Protection structure IP67(IEC standard) Body length Standard type Environment_Ambient temperature -25 to 70°C, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) ≤ ± 10 % for sensing distance at ambient temperature 20 °C	Current specification	Current consumption: Max. 10mA
Material washer: Nikel plated Iron, sensing side: polybutylene terephthalate, standard cable (black): polyvinyl chloride (PVC), oil resistant cable (gray): oil resistant polyvinyl chloride (PVC) Cable Standard/material Oil resistant cable Protection structure IP67(IEC standard) Body length Standard type Environment_Ambient temperature -25 to 70°C, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) △ ± 10 % for sensing distance at ambient temperature 20 °C	Control output	PNP Normally Closed
Protection structure IP67(IEC standard) Body length Standard type Environment_Ambient temperature -25 to 70°C, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) ≤ ± 10 % for sensing distance at ambient temperature 20 °C	Material	washer: Nikel plated Iron, sensing side: polybutylene terephthalate, standard cable (black): polyvinyl chloride (PVC),
Body length Environment_Ambient temperature Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) ≤ ± 10% for sensing distance at ambient temperature 20 ℃	Cable Standard/material	Oil resistant cable
Environment_Ambient temperature -25 to 70°C, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis (distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) ≤ ± 10 % for sensing distance at ambient temperature 20 °C	Protection structure	IP67(IEC standard)
temperature -25 to 70°C, storage: -30 to 80°C Environment_Ambient humidity 35 to 95% RH, storage: 35 to 95% RH Hysteresis(distance) Max. 15% of sensing distance Residual voltage Max. 2V Weight Approx. 25g(approx. 45g)	Body length	Standard type
Hysteresis (distance) Residual voltage Max. 15% of sensing distance Max. 2V Weight Approx. 25g(approx. 45g) ≤ ± 10 % for sensing distance at ambient temperature 20 °C	_	-25 to 70°C, storage: -30 to 80°C
Residual voltage Max. 2V Weight Approx. 25g(approx. 45g) △ffection by temperature ≤ ± 10 % for sensing distance at ambient temperature 20 °C	Environment_Ambient humidity	35 to 95% RH, storage: 35 to 95% RH
Weight Approx. 25g(approx. 45g) Affection by temperature ≤ ± 10 % for sensing distance at ambient temperature 20 °C	Hysteresis (distance)	Max. 15% of sensing distance
Affection by temperature ≤ ± 10 % for sensing distance at ambient temperature 20 ℃	Residual voltage	Max. 2V
	Weight	Approx. 25g(approx. 45g)
	Affection by temperature	

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