

Part no. E59-A18A107C02-CV
Article no. 166804
Catalog No. E59-A18A107C02-CV

Delivery program

| | | | |
|---------------------------|-------|----|--|
| Basic function | | | Inductive Sensors |
| Product range | | | E59 AccuProx Series |
| Description | | | Current output (0 - 20 mA) and voltage output (0 - 10 V) |
| Connection | | | 3-wire/4-wire |
| Design (outer dimensions) | | mm | M18 x 1 |
| Rated operational voltage | U_e | | 15 - 30 V DC |
| Rated switching distance | S_n | mm | 1 - 7 |
| Type of mounting | | | Flush |
| Switching type | | | Analog |
| For connection of: | | | 2 m connection cable |
| Material | | | Stainless steel |
| Degree of Protection | | | IP67 |

Technical data

General

| | | | |
|-----------------------------|--|---|----------------------------|
| Standards | | | IEC/EN 60947-5-2 |
| Ambient temperature | | | -40 - +70 |
| Mechanical shock resistance | | g | 30 Shock duration 11 ms |
| Degree of Protection | | | IP67 |

Characteristics

| | | | |
|------------------------------|-------|-----|----------------------|
| Repetition accuracy of S_n | | % | 2 |
| Temperature drift of S_n | | % | 10 |
| Rated operational voltage | U_e | | 15 - 30 V DC |
| Switching state display | | LED | Red |
| Operating voltage display | | LED | Green |
| Connection | | | 3-wire/4-wire |
| Style | | | |
| Design (outer dimensions) | | mm | M18 x 1 |
| For connection of: | | | 2 m connection cable |
| Material | | | Stainless steel |

Design verification as per IEC/EN 61439

| | | | |
|--|--|----|-----|
| Technical data for design verification | | | |
| Operating ambient temperature min. | | °C | -40 |
| Operating ambient temperature max. | | °C | 70 |

Approvals

| | | | |
|-----------------------------|--|--|--|
| Product Standards | | | UL 508; CSA-C22.2 No. 14; IEC60947-5-2; CE marking |
| UL File No. | | | E166051 |
| UL Category Control No. | | | NRKH, NRKH7 |
| CSA File No. | | | 50513 |
| CSA Class No. | | | 3211-03 |
| North America Certification | | | UL listed, CSA certified |
| Max. Voltage Rating | | | 30 V DC |
| Degree of Protection | | | IEC: IP67; UL/CSA Type: 4, 4x, 6, 6P, 12, 13 |

Additional product information (links)

IL05301010Z AccuProx Series Analog Inductive Sensors

IL05301010Z AccuProx Series Analog Inductive Sensors ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05301010Z2016_07.pdf