



## Inductive Cubic Standard Sensors

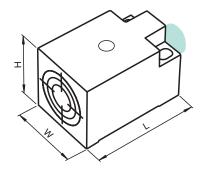
## **F9 Series**



| Common Technical Data              |                    |  |  |
|------------------------------------|--------------------|--|--|
| Mechanical installation conditions | flush              |  |  |
| Detection range                    | 5 mm               |  |  |
| Type of output                     | Three-wire         |  |  |
| Switching element function         | Normally-open (NO) |  |  |
| Type of voltage                    | DC                 |  |  |
| Switching frequency                | 500 Hz             |  |  |
| Operating voltage (min)            | 10 V               |  |  |
| Operating voltage (max)            | 30 V               |  |  |
| Housing length L                   | 38.5 mm            |  |  |
| Housing width W                    | 16 mm              |  |  |
| Housing height H                   | 16.5 mm            |  |  |
| UL                                 |                    |  |  |

For detailed data and description, see the datasheet. Further products can be found online at www.pepperl-fuchs.com.

| Model Number  | Type of Output | Connection Type     | Cable Length | Cable Material |
|---------------|----------------|---------------------|--------------|----------------|
| NBB5-F9-E0    | NPN            | Fixed cable         | 2000 mm      | PVC            |
| NBB5-F9-E0-V3 | NPN            | 8 mm connector plug |              |                |
| NBB5-F9-E2    | PNP            | Fixed cable         | 2000 mm      | PVC            |
| NBB5-F9-E2-V3 | PNP            | 8 mm connector plug |              |                |



| Ac  | ces | sori | es |  |
|-----|-----|------|----|--|
| 1/2 | CD  | 284  | DI |  |

V3-GR-2M-PUR

Single-ended female cordset, M8, snap-locking, straight, A-coded, 3-pin, PUR cable, gray

V3-WR-2M-PUR Single-ended female cordset, M8, snap-locking, angled, A-coded, 3-pin, PUR cable, gray