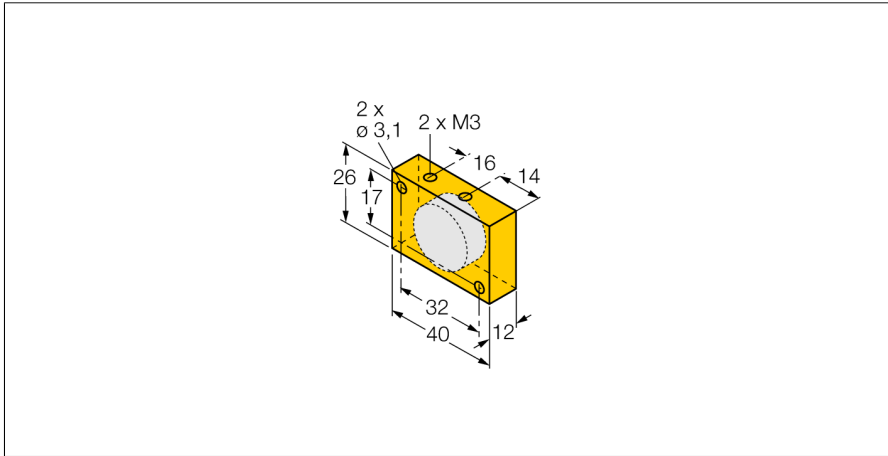
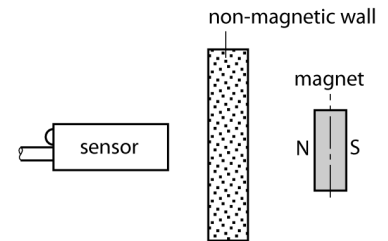


**Accessories**  
**Permanent Magnet**  
**DM-Q12**



- **Attainable switching distance 58 mm with magnetic field sensors (BIM) in models (E)M12E, M18 and G12SK**
- **Attainable switching distance 49 mm with magnetic field sensors (BIM) in models EH6.5, EG08 and M12-S1209**



<b>Type</b>	DM-Q12
<b>ID</b>	6900367
<b>Dimensions</b>	40 x 26 x 12 mm

**Functional principle**

Magnetic-inductive proximity switches are actuated by magnetic fields. They detect permanent magnets through non-ferromagnetic materials such as wood, plastic, non-ferrous metals, aluminum or stainless steel.

Turck magnetic field sensors obtain a particularly high switching distance using the actuation magnets. As they are available in a number of sizes and versions, they enable a wide range of possibilities for detection, particularly in constructions where mounting space is limited or other difficult conditions prevail.

The diagram shows a typical characteristic curve of the magnetic flux density [in mT] based on the distance in the axial direction and at room temperature.